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ENERGY CRISIS IN THE UNITED STATES: A Selected Bibliography of Non-Technical Materials

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ENERGY CRISIS IN THE UNITED STATES

A SELECTED BIBLIOGRAPHY OF NON-TECHNICAL MATERIALS

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1. Current nature:

Abelson, P. H. "Continuing Increase in Use of Energy," Science, May 21, 1971.

_____. "Energy Conservation," ibid., October 27, 1972.

_____. "Scarcity of Energy," ibid., September 25, 1970.

Abrahamson, D. E. "Overview: Energy," 3 parts, Environment, January, March, June 1973.

_____. "Some Energy Newsletters," Environment, July 1973.

Alessio, Frank J. "Is There an Energy Crisis Ahead: For the Environment?" Arizona Review, April 1972.

American Mining Congress. The Energy Crisis. Washington, D.C., 1972.

Bagge, Carl E. "Electric Power: An Industry in Crisis and Transition," Public Utilities Fortnightly, June 4, 1970.

Battelle Memorial Institute. A Review and Comparison of Selected U.S. Energy Forecasts, prepared for the Executive Office of the President, Office of Science and Technology, Energy Policy Staff. Washington, D.C., 1969.

Bengelsdorf, Irving. "Are We Running Out of Fuel?" National Wildlife, February/March 1971.

Bennett, Ralph Kinney. "Why We Have a Fuel and Power Shortage," Readers Digest, January 1971.

Berreby, Jean-Jacques. "About That Arab Oil...Does the U.S. Really Need It?" Atlas, September 1970.

Bradshaw, Thornton F. "Power Crisis - Electricity, Oil, Coal," U.S. News and World Report, May 10, 1971.

Brown, Vincent M. "Energy - Here Today, Gone Tomorrow?" Urban Land, July/August 1973.

Bulletin of the Atomic Scientists. "Energy Crisis; Symposium," 3 parts, September, October, November 1971.

_____. "Energy Crisis; Symposium; Discussion, 2 parts, March, May 1972.

Bunyard, Peter. "The Power Crisis," Ecologist, October 1970.

Business Week. "Error That Hid a Fuel-Oil Shortage," December 2, 1972.

_____. "Europe Teeters on the Oil Tightrope," October 20, 1973.

_____. "Oil Is Taking Over the Energy Business," November 7, 1970.

_____. "A Power Crisis Can Bring Layoffs," November 10, 1973.

_____. "The Scramble for Oil Is On," October 20, 1973.

_____. "Shortages Threaten the Japanese Boom," November 10, 1973.

_____. "Why the Oil Giants Are Under the Gun: Special Report," October 25, 1969.

_____. "Why Utilities Can't Meet Demand," November 29, 1969.

California Journal. "California and the Energy Crisis," June 1973.

Cambel, Ali B. "Impact of Energy Demands," Physics Today, December 1970.

Changing Times. "This Energy Crisis, Is It Real?" October 1972.

Chemical and Engineering News. "Soviet Union Faces 1970 Energy Deficit," November 24, 1969.

Congressional Quarterly. "End Import Quotas; Decontrol Gas Prices," April 21, 1973.

_____. "Energy Crisis in America," March 1973.

_____. "Energy Crisis: Fact of Life for Millions in 1973," February 3, 1973.

_____. "Power Problems: Consumption Up, Supplies Short," September 18, 1973.

Consulting Engineer. "Energy: How Critical Is the Crisis."

Cook, Donald C. "Is an Energy Crisis Inevitable?" Public Utilities Fortnightly, August 16, 1973.

Curtis, Carl T. "The Energy Crisis - Real or Imagined?" Nebraska Municipal Review, April 1971.

Dole, H. M. "America's Energy Needs," address, January 12, 1971, Vital Speeches, March 15, 1971.

Dorsey, Robert T. "An Extension of the Energy Crisis: More Light on Lighting," AIA Journal, June 1972.

Ehrich, Thomas Lindley. "Power Crisis," Wall Street Journal, June 2, 1970.

Ehrlich, Paul R. "Energy Crisis," Saturday Review, August 7, 1971.

Engineering News-Record. "E Is for Crises - Environmental and Energy," January 25, 1973.

_____. "Energy Surplus Era Ends for West," October 11, 1973.

Faltermeyer, Edmund. "The Energy 'Joyride' Is Over; Technology and Good Sense Can Stretch Our Resources - but Only a Big Breakthrough Can Bring Back Cheap Fuel and Power," Fortune, September 1972.

Flieger, H. "Fill 'Er up, Maybe," U.S. News and World Report, July 23, 1973.

Forbes. "Energy Yardsticks of Management Performance," January 1, 1971.

_____. "Gasoline at $1 a Gallon?" Forbes, October 1, 1972.

_____. "Is the Cupboard Bare?" January 1, 1971.

Fortune. "Alert That Wasn't Sounded; Overdue Energy Message," May 1973.

_____. "Energy," April 1972.

Frank, Helmut J. "Is There an Energy Crisis Ahead: For Arizona?" Arizona Review, April 1972.

Freeman, S. David. "Blame Uncle Sam - Not Mother Nature - for Fuel Shortages," Public Power, March/April 1973.

_____. "Energy; Drain on America First?" Excerpts from address January 25, 1973, Science, February 1973. Reply, R. D. Stieglitz, June 29, 1974.

Gambs, Gerard C. "Energy Crisis Grows as Fuels Diminish," Engineering News-Record, August 3, 1972.

Gardner, Stephen L. "Natural Gas - Its Impending Shortage and Potential Abundance," Federal Reserve Bank of Dallas, Business Review, January 1971.

Grata, Joe. "PennDot Gas Runs Low; Road Jobs Could Stall," Pittsburgh Press, October 21, 1973.

Graves, R. "Power Resources," Life, December 11, 1970.

Hawkins, Clark A. "Is There an Energy Crisis Ahead: For the Nation?" Arizona Review, April 1972.

Holden, C. "Energy: Shortages Loom, but Conservation Lags," Science, June 15, 1973.

Illinois State Geological Society. Power and the Environment - a Potential Crisis in Energy Supply, Urbana, 1970.

Illinois State Geological Survey. Power and the Environment: A Potential Crisis in Energy Supply, by Hubert E. Risser, Urbana, 1970.

Keenan, B. "Energy Crisis and Its Meaning for American Culture," Christian Century, July 18, 1973.

Kelly, Peter M. "The Power Crisis and the Counties," American County, March 1973.

Laird, W. M. "Energy: A Scarcity of All Kinds," address March 5, 1970, Vital Speeches, April 15, 1970.

Landsberg, H. H. and S. H. Shurr. Energy in the United States. New York: Random House, 1968.

Lapp, Ralph E. and R. W. Dietsch. "Burning up Our Resources," New Republic, June 26, 1971.

Lear, John. "No Energy to Waste," Saturday Review, July 3, 1971.

_____. "Year of the Firefly," ibid., January 1, 1972.

Levy, Maury. "Are We Running Out of Everything? Yes." Philadelphia, October 1973.

Liversidge, Anthony. "Not Enough Gas in the Pipeline," Fortune, November 1969.

McCloskey, M. "Energy Crisis: Views of an Environmentalist," address, June 15, 1971, Vital Speeches, August 1, 1971.

McCracken, Paul W. "The U.S. Fuel and Energy Situation," Conference Board Record, March 1971.

McLean, J. G. "U.S. Energy Outlook," address September 21, 1972, Vital Speeches, November 15, 1972.

Main, Jeremy. "A Peak Load of Trouble for the Utilities," Fortune, November 1969.

Mayor, Lawrence A. "Why the U.S. Is in an 'Energy Crisis' - the Era of Cheap Fuel Is Over: An Unhappy Convergence - of Events Threatens a Bleak Winter for Utilities, Industry and Homeowners," Fortune, November 1970.

Morgello, Clem. "Watergate and Oil," Newsweek, November 19, 1973.

Nassikas, John N. "Will This Summer's Power Needs be Met?" interview, U.S. News and World Report, July 24, 1972.

Nation. "Energy Crisis: Second Look," February 19, 1973.

National Journal Reports. "Energy Policies and Problems," October 13, 1973. Most of issue. Contents: 1. An overview; 2. Immediate problems; 3. Reorganizing government; 4. The research structure; 5. Searching for new sources; 6. Foreign relations.

National Review. "Man-Made Energy Crunch," June 8, 1973.

National Rural Electric Cooperative Association. Research Division. Dimensions of the National Power Crisis: Basic Information in Question-and-Answer Form for the Consumer-Owners, Officers, Directors and Staffs of Rural Electric Utility Systems. Washington, D.C., 1971, research paper #71-3.

_____. The Electric Power Crisis: Its Impact on Workers and Consumers, prepared by Stanley H. Ruttenberg and Associates, ibid.

National Science Foundation. An Assessment of the National Energy Problem, by Jesse C. Denton. Washington, D.C., 1971.

_____. The U.S. Energy Problem, by Intertechnology Corporation, ibid., 2 vol.

Nations Business. "Can We Meet the Expanding Need for Energy?" November 1969.

_____. "Heading off an Energy Crisis," July 1971.

Newsweek. "America's Energy Crisis," January 22, 1973.

_____. "Down Go the Thermostats," November 19, 1973.

_____. "Energy Supply," July 9, 1973.

_____. "Facing up to Cold Reality," November 19, 1973.

_____. "Oil Torture: Drip, Drip, Drip," November 5, 1973.

_____. "Running Out of Everything," November 19, 1973.

Oil and Gas Journal. "All Signs Pointing to an Energy Crisis Soon," July 27, 1970.

Olds, F. C. "Fuel Crisis?" Power Engineering, January 1971.

Park, Charles F., Jr. Affluence in Jeopardy. San Francisco: Freeman, Cooper, 1968.

Petroleum Situation. "The Petroleum Situation," in remarks of Clifford P. Hansen, Congressional Record, September 5, 1969, S10218-10219.

Phillips, James C. "Fuel Shortages," Editorial Research Reports, 1970, V2 #14.

Quale, Bruce. "Communicating the Energy Crisis," Public Utilities Fortnightly, July 5, 1973.

Radin, Alex. "Fuel Shortages Spread," Public Power, August 1970.

Rand Corporation. Growing Demand for Energy. Santa Monica, California, 1972.

Rickenbacker, W. F. "Energy Crisis," National Review, June 9, 1972.

Ridgeway, James. The Last Play: The Struggle to Monopolize the World's Energy Resources. New York: Dutton, 1973.

Roberts, Marc J. "Is There an Energy Crisis?" Public Interest, Spring 1973.

Rogers, Walter E. "Is There a National Shortage of Gas in Our Future?" Public Utilities Fortnightly, March 26, 1970.

Saugen, Olaf R. "Baby - It'll Be Cold Inside This Winter," Philadelphia Inquirer, October 21, 1973.

Schiller, R. "It's Time to Face Energy Crisis," Readers Digest, January 1973.

Schmandt, Jurgen. One Aspect of the Energy Crisis: The Unbalanced State of Energy R & D, Lyndon B. Johnson School of Public Affairs, Austin, Texas, 1972.

Science News. "Judging the Energy Crisis," November 14, 1970.

Shell Oil Company, Inc. Shell Assesses the National Fuel Supply Problem. New York, 1971.

Sherrill, Robert. "Power Play," Playboy, May 1971.

Shumway, F. R. "Energy Crisis," address December 10, 1970, Vital Speeches, January 15, 1971.

Simon, Jack A. "The Impending Energy Crisis: A Look at the Coming Decade," Illinois Business Review, June 1972.

Swearingen, John E. "The Energy Dilemma," Highway User, May 1973.

Tanner, James C. "Shrinking Supplies: Natural Gas Shortage Is Likely to Continue Despite Rising Prices," Wall Street Journal, April 12, 1971.

Time. "Energy Crisis - Are We Running Out?" June 12, 1972.

_____. "Energy Crisis - Time for Action," May 7, 1973.

Udall, M. K. "Ending the Energy Binge," New Republic, June 16, 1973.

Udall, Stewart L. "The Last Traffic Jam," The Atlantic Monthly, October 1972.

U. S. Congress. House Committee on Interior and Insular Affairs. Selected Readings on the Fuels and Energy Crisis, Washington, D.C., 1972.

U. S. Congress. House Select Committee on Small Business. Impact of the Energy and Fuel Crisis on Small Business, Report #91-1751, 1970.

U. S. Congress. Senate Committee on Interior and Insular Affairs. Current Fuel Shortages, Hearings, February 1 and 22, 1973, 2 parts, Committee Print #93-4 (92-39).

U. S. News and World Report. "As the U.S. Runs Low on Oil and Gas," March 27, 1972.

_____. "Danger of More Power 'Blackcuts,'" April 20, 1970.

_____. "Higher Prices for Oil - Who Will Get Hit?" March 1, 1971.

_____. "Power Brownouts This Summer; Areas on the Danger List," April 10, 1970.

U. S. Office of Emergency Preparedness. Survey of Electric Power Problems, Washington, D.C., 1971.

Vicker, Ray. "Fight Over Fuel," Wall Street Journal, February 4, 1971.

Wagner, W. F. "Energy Conservation: A Potential Disaster Starts Getting the Attention It Deserves," Architectural Record, September 1972.

Warren, Frank M. "Facing the Energy Challenge," Public Utilities Fortnightly, March 29, 1973.

Wicklein, John. "Where Will You Be When the Lights Go Out - Again?" Washington Monthly, September 1969.

Wilpers, John. "The Energy Crisis: Who's in Charge Here?" Government Executive, February 1973.

2. BACKGROUND ON ENERGY RESOURCES: ECONOMIC, ENVIRONMENTAL AND POLITICAL CONSIDERATIONS:

Abelson, P. H. "Energy and National Security," Science, March 2, 1973.

_____. "Intertwined Societal Problems," ibid., May 5, 1972.

Abrahams, P. P. "Balancing Environment and Energy Needs," Current, April 1973.

Advisory Commission Intergovernmental Relations. Quest for Environmental Quality. Federal and State Action, 1969-70. Report M-62. Washington, D.C., April 1971.

Altman, Manfred, Maria Telkes and Martin Wolf. The Energy Resources and Electric Power Situation in the United States. Philadelphia: University of Pennsylvania Press, 1971.

American Gas Association. The Natural Gas Supply Problem. New York, 1971.

American Institute of Aeronautics and Astronautics. Energy in the Urban Environment, by David L. Morrison, et. al. Paper #71-526, 1971.

American Mining Congress. Coal Division. Report on Coal Technology - 1969. 2 vol., Washington, D.C., 1969.

American Petroleum Institute. Committee on Public Affairs. Bibliography of Energy and Fuels. New York, 1961.

_____. The Energy Supply Problem. Washington, D.C., 1970.

_____. Petroleum Facts and Figures. Annual.

Anderson, Robert O. "Energy and Environment Need Not Be In Conflict," Catalyst for Environmental Quality, Vol. III #2, 1973.

Appalachia. "The Demand for Energy and Appalachia's Coal," Theme of issue, February/March 1972.

Areskoug, Kaj. "U.S. Oil Import Quotas and National Income," Southern Economic Journal, January 1971.

Armstead, H.C.H. "Geothermal Heat Costs," Energy International, February 1969.

Bagge, Carl E. "Broadening the Supply Base of the Gas Industry," Public Utilities Fortnightly, March 26, 1970.

_____. "One Dimensional Land Use Legislation: A Threat to National Energy Development," Natural Resources Lawyer, Winter 1973.

Bailey, Elizabeth E. "Peak-load Pricing Under Regulatory Restraint," Journal of Political Economy, July/August 1972.

Battelle Memorial Institute. A Brief Overview of the Energy Requirements of the Department of Defense. Columbus, Ohio, 1972.

Blackett, George H. "Measuring Raw Materials Needs to the Year 2000," Conference Board Record, January 1971.

Boffey, P. M. "Energy Crisis: Environmental Issue Exacerbates Power Supply Problem," Science, June 26, 1970.

Branch, Melville C. "Oil Extraction, Urban Environment and City Planning," AIP Journal, May 1972.

Braymer, Daniel T. The Controlled Energy Growth Concept: The National Economy and Prospects for Power. New York: National Electrical Manufacturers Association, 1971.

Brownmiller, Susan. "Con Ed's Charles Luce: All Power (Sometimes) to the People," New York Times Magazine, April 12, 1970.

Business Week. "The Coal Industry Makes a Dramatic Comeback," November 4, 1972.

_____. "The High Price of More Electric Power," August 10, 1972.

_____. "The Hot Battle Over National Gas Controls," October 20, 1973.

_____. "New Clout for a Cow Town," (Calgary, Alberta), November 10, 1973.

_____. "The Politics Behind the New Oil Hunt," March 6, 1971.

_____. "What the Oil Cutbacks Will Cost," October 27, 1963.

Changing Times. "Conserve Energy and Save Money," August 1973.

Chapman, D. "Electricity Demand Growth and the Energy Crisis," Science, November 17, 1972.

Chase Manhattan Bank. Capital Investments of the World Petroleum Industry. New York, 1967.

_____. Financial Analysis of the Petroleum Industry, by R. C. Sparling, et. al., ibid., 1971.

_____. Future Growth of the World Petroleum Industry, ibid., 1961.

_____. Outlook for Energy in the United States to 1985, ibid., 1972.

Christian Century. "Politics of Energy," February 21, 1973.

Christian, Virgil L., Jr., and Claude M. Vaughan. "Some Aspects of Cost and Demand in the Pricing of Electric Power," Land Economics, August 1971.

Cockerill, A. W. "Canada: A U. S. Economic Colony?" Current, January 1972.

Colorado School of Mines. Future Natural Gas Resources Will Be Expensive to Find. Golden, 1971.

Commerce Today. "Probing Energy Sources, Conservation are Keys to Nation's Fuel Supply," August 6, 1973.

Commoner, Barry Michael Corr and Paul J. Stamler. "The Causes of Pollution," Environment, April 1971.

Congressional Quarterly. "El Paso Pipeline Fight: A Race in Congress and the Courts," September 2, 1972.

_____. "Off-shore Drilling, Oil Quotas and Rationing," March 31, 1973.

Cook, Donald C. "Capability of Electric Utilities to Fulfill Future Needs," Public Utilities Fortnightly, July 16, 1970.

Cook, Earl. "Flow of Energy in an Industrial Society," Scientific American, September 1971. Also in Hearings before Senate Committee on Interior and Insular Affairs, Emergency Policy and National Goals, October 20, 1971, Part II.

Cootner, Paul H. and George O.G. Lof. Water Demand for Steam Electric Generation: An Economic Projection Model. Resources for the Future. Baltimore: Johns Hopkins, 1966.

Culbertson, O. L. The Consumption of Electricity in the United States. Oak Ridge National Laboratory, Oak Ridge, Tennessee, 1971.

Darmstadter, Joel, Perry D. Tietlebaum and Jaroslav G. Polach. Energy in the World's Economy: A Statistical Review of Trends in Output, Trade and Consumption Since 1925. Baltimore: Johns Hopkins, 1971.

De Bell, Garrett. "Energy," in Environmental Handbook, New York: Ballantine, 1970.

Dugger, Ronnie. "Oil and Politics," Atlantic, September 1969.

Eckstein, Otto. Water Resource Development: The Economics of Project Evaluation. Cambridge: Harvard University Press, 1958.

Ecology Law Quarterly. "Taxation as a Tool of Natural Resource Management: Oil as a Case Study," Fall 1971.

Edison Electric Institute. Bibliography and Digest of U.S. Electric and Total Energy Forecasts, 1970-2050. New York, 1970.

_____. Energy Economics and the Environment, ibid., 1969.

_____. Questions and Answers about the Electric Utility Industry, ibid.

Ekistics. "Energy Resources, Human Comfort and the Environment," May 1972.

Engler, Robert. The Politics of Oil; A Study of Private Power and Democratic Directions. New York: Macmillan, 1961.

Erickson, Edward W. "Crude Oil Prices, Drilling Incentives and the Supply of New Discoveries," Natural Resources Journal, January 1970.

Fehd, Carolyn S. "Productivity in the Petroleum Pipelines Industry," Monthly Labor Review, April 1971.

Finn, Richard P. "Soaring New Demands for Versatile L-P Gas," Commercial and Financial Chronicle, September 10, 1970.

Fisher, Franklin M. Supply and Costs in the U.S. Petroleum Industry; Two Econometric Studies. Resources for the Future. Baltimore: Johns Hopkins, 1964.

Fortune. "Energy," April 1972.

Fowlkes, Frank V. "'Petrodollar' Surplus Looms as a Problem for Monetary System, U. S. Energy Crisis," National Journal Reports, August 18, 1973.

Freeman, S. David. "A New Form of Competition," Public Power, May 1970.

Gardner, Frank F. "Oil's Offshore Activity Suppressed by Economics, Political Decisions," Oil & Gas Journal, April 19, 1971.

Gardner, Stephen L. "Natural Gas - Its Impending Shortage and Potential Abundance," Federal Reserve Bank of Dallas Business Review, January 1971.

Gas Dynamics Symposium, 7th, Evanston, Illinois, 1968. Energy: Proceedings of the Seventh Biennial Gas Dynamics Symposium. Evanston, Illinois: Northwestern University Press, 1968.

Gilluly, Richard H. "The Competitive Comeback of Coal," Science News, January 30, 1971.

Gustavson, Marvin. Dimensions of World Energy. Mitre Corporation. Washington, D.C., 1971.

Hawkins, Clark A. "Projecting Future Gas Supply," Public Utilities Fortnightly, August 14, 1969.

Henry, P. J., Jr., and B. M. Louks. "An Economic Study of Pipeline Gas Production from Coal," Chemical Technology, April 1971.

Hittman Associates. Electric Power Supply and Demand Forecasts for the U.S. Through 2050. Washington, D.C.: U. S. Government Printing Office, 1971.

Hogerton, John F. "The Outlook for Electric Power," American Society of Planning Officials, Planning, February 1973.

Holcomb, Robert W. "Power and Fuel Resources," Current History, June 1970.

Hottel, H. C. and J. B. Howard. New Energy Technology, Some Facts and Assessments. Cambridge, Massachusetts: M.I.T. Press, 1971.

Houthakker, Hendrik S. and Lester D. Taylor. Consumer Demand in the United States, 2d Edition, ibid., 1970.

Hubbert, M. K. "Energy Resources of the Earth," Scientific American, September 1971.

Igoe, John W. "Coal Research in 1970," 2 parts. Mining Congress Journal, February and March 1971.

Ikard, F. N. "Energy and Economics," Address, July 24, 1972. Vital Speeches, September 15, 1972.

James, L. Douglas and Robert R. Lee. Economics of Water Resources Planning. New York: McGraw-Hill, 1971.

Kentfield, C. "New Showdown in the West," New York Times Magazine, January 28, 1973. Reply and rejoinder: R. S. Reynolds, Jr., May 6, 1973.

Kinney, Gene T. "The Environmental Craze: Will it Strangle Energy?" Oil and Gas Journal, March 15, 1971.

Knetsch, Jack L., et. al. Federal Natural Resources Development: Basic Issues in Benefit and Cost Measurement. George Washington University, Natural Resources Policy Center, Washington, D.C.

Kroll, Erwin. "The Oil Lobby is Not Depleted," New York Times Magazine, March 8, 1970.

Landsberg, Hans H. and Sam H. Schurr. Energy in the United States; Sources, Uses, and Policy Issues. New York: Random House, 1968.

Landsberg, Hans H. and Leonard L. Fischman and Joseph L. Fisher. Resources in America's Future: Patterns of Requirements and Availabilities, 1960-2000. Resources for the Future. Baltimore: Johns Hopkins, 1963.

Linden, Henry R. "Current Trends in U.S. Gas Demand and Supply," Public Utilities Fortnightly, July 30, 1970.

Lockwood, Robert M. "The Energy Economy; Energy in Perspective," Texas Business Review, June 1973.

McCaslin, John C. "Canada: A Special Report," Oil and Gas Journal, August 31, 1970.

MacKenzie, James J. "Social Costs of Energy," Massachusetts Audubon Newsletter, April 1971.

Makhijani, A. B. and A. J. Lichtenberg. "Energy and Well-Being," Environment, June 1972.

Mann, Patrick C. "The Impact of Competition in the Supply of Electricity," Quarterly Review of Economics and Business, Winter 1970.

Mead, Walter J. and Philip E. Sorensen. "National Defense Petroleum Reserve," Land Economics, August 1971.

Miller, John T., Jr. Foreign Trade in Gas and Electricity in North America; A Legal and Historical Study, New York: Praeger, 1970.

Mitre Corporation. Energy, Resources and the Environment - Major U.S. Policy Issues. McLean, Virginia, 1972.

_____. An Examination of Fuel and Energy Information Sources, 2 vol., ibid., 1971.

_____. Symposium on Energy, Resources and the Environment. Salines de Chaux Conference Center, 3 volumes, #1: Environmental Issues; #2: Ethics and Environmental Aspects of the Demand for and Use of Energy, #3: Options for the Future and Their Resources, Economic and Environmental Effects. ibid.

National Academy of Engineering, Advisory Committee on Project Gasoline. Final Report. 1970. Prepared for Office of Coal Research, Department of the Interior.

National Academy of Sciences. Energy Resources, by Marion K. Hubbert. Washington, D.C., 1962.

_____. Fuel Science and Technology, ibid., 1969.

_____. Resources and Man: A Study and Recommendations, ibid.

National Coal Association. Bituminous Coal Data. Washington, D.C., 1969 edition.

_____. Why is Coal in Very Tight Supply? What Can Be Done About It? Washington, D.C., 1970.

National Economic Research Associates. Energy Consumption and Gross National Product in the United States. Washington, D.C., 1971.

National Energy Board. Energy Supply and Demand in Canada and Export Demand for Canadian Energy 1960-1990. Ottawa: The Queen's Printer, 1969.

National Energy Forum. Energy Policy Issues for the United States during the Seventies, prepared by Arthur D. Little, Inc., Arlington, Virginia, 1971.

National Petroleum Council. Committee on U. S. Energy Outlook. U. S. Energy Outlook: An Initial Appraisal, 1971-1985; An Interim Report. Washington, D.C., 1971.

National Science Foundation. An Examination of a National Energy Study, by W. E. Mooz. Washington, D.C., 1970.

_____. Some Facts on the Supply of Energy, by W. E. Mooz. ibid.

Netschert, B. C., Abraham Gerber and I. M. Stelzer. Competition in the Energy Markets, An Economic Analysis. National Economic Research Associates, 1970.

Nevins, Allan, et. al. Energy and Man, A Symposium. New York: Appleton, 1960.

New Scientist. "Energy for the World's Technology," November 13, 1969.

Noble, David. "Interlocking Fuel Interests," Energy Digest, April 13, 1971.

O'Donnell, John P. "First Liquid-Ethane Pipeline Beginning Full Operation," Oil and Gas Journal, February 8, 1971.

Odum, Howard T. Environment, Power and Society. New York: Wiley-Interscience, 1970.

Olson, C. E. Cost Considerations for Efficient Electric Supply. Michigan State University, East Lansing, 1970.

Owen, Oliver S. Natural Resource Conservation, New York: Macmillan Co., 1971.

Patterson, Walter C. "No Fuel Shortage in Britain," Environment, May 1973.

Pennsylvania University, National Center for Energy Management and Power, Status Report, Philadelphia, 1971.

Petroleum Publishing Company. International Petroleum Encyclopedia - 1970. Tulsa, Oklahoma, 1969.

Porter, W. W. "Energy in America," Bulletin of the Atomic Scientists, February 1973.

Professional Engineer, "Energy in the 1970's," Theme of issue, February 1971. Partial contents: Energy, the economy and the environment; The gas resource situation; Power generation; Technology in the coal industry in the 1970's.

Public Land Law Review Commission. One Third of the Nation's Land. Washington, D.C., 1970.

Public Utilities Fortnightly. "U. S. Energy Crisis - Test of Good Neighbor Policy?" August 27, 1970.

Reif, William E. and William A. Knoke. "The Marketing Concept for Combination Gas and Electric Companies," Public Utilities Fortnightly, October 22, 1970.

Reifsnyder, C. Frank. "Natural Gas Pipelines and the Courts," Natural Resources Lawyer, July 1969.

Resources for the Future. Energy Research Needs. Springfield, Virginia: NTIS, 1972.

_____. U. S. Energy Policies: An Agenda for Research. Baltimore: Johns Hopkins Press, 1968.

Resources for the Future, Inc. U. S. Energy Policies - An Agenda for Research. Baltimore: Johns Hopkins, 1968.

Rich, Spencer. "The Power of Oil," Progressive, September 1969. Also: Congressional Record, September 5, 1969, S10226-10228; September 19, 1969, S10948-10950.

Samuelson, P. A. "Energy Economics," Newsweek, July 2, 1973.

Sanford, David. "Jousting with Oil," New Republic, August 30, 1969.

Schurr, Sam H. and Vera E. Eliasberg. Energy and Economic Growth in the United States. Resources for the Future, Washington, D.C., 1962.

Schurr, Sam H. and B. C. Netschert. Energy in the American Economy 1850-1975: An Economic Study of its History and Prospects. Baltimore: Johns Hopkins, 1960.

Seeger, Murray. "The Oilmen and Politics," Washington Post, January 17, 1971.

Shibley, Raymond N. "Natural Gas Supply. An Appraisal of Regulation," Panhandle Magazine, Spring 1971.

Sirota, H. and M. Schwartz. "Agriculture and Energy," Organic Garden and Farm, September 1973.

Smith, David. "Inter-Energy Competition Between Gas and Electricity," Arizona Business, October 1972.

Smith, Frank E., editor. Conservation in the United States, a Documented History: Land and Water 1900-1970. New York: Chelsea House, 1971.

Smith, Robert. "Canadian Gas Export Policy," Public Utilities Fortnightly, November 5, 1970.

Sparling, Richard C., Norma J. Anderson and John G. Winger. Capital Investments of the World Petroleum Industry - 1968. New York: Chase Manhattan Bank, 1969.

Sporn, Philip. Energy: Its Production, Conversion and Use in the Service of Man. New York: Macmillan, 1965.

Stanford Research Institute. End Uses of Energy. Menlo Park, California, 1971.

_____. Long Range Planning Service. The Growing Need for Energy. ibid., 1962.

Steele, Henry B. and Dnakwart A. Rustow. Oil Imports and the National Interest. New York: Petroleum Industry Research Foundation, 1971, 2 vol.

Stelzer, Irwin M. "A New Look at Rates: Inverted Structure Challenges Pricing," Public Power, November/December 1972.

Summer, Claude M. Electrical Energy by Direct Conversion. Oklahoma State University. Norman: Oklahoma State University Press, 1966.

Szego, G. C. The U. S. Energy Problem. Intertechnology Corporation, 3 vol.

Tennessee Valley Authority. TVA Power, 1970. Knoxville, Kentucky, 1970.

Texas Eastern Transmission Corporation. Competition and Growth in American Energy Markets, 1947-1985. Houston, 1968.

_____. Energy and Fuels in the United States, 1947-1980. ibid., 1961.

Thornton, John V. "Low-Sulfur Fuel - Problems and Promises," Public Utilities Fortnightly, December 17, 1970.

United Nations. New Sources of Energy and Energy Development: Solar Energy, Wind Power, Geothermal Energy, rev. New York, 1972.

U. S. Bureau of Mines. Energy Production and Consumption in the United States: An Analytical Study Based on 1954 Data. Washington, D.C., 1961.

_____. Sulfur Content of United States Coals, by J. A. DeCarlo, et. al., Info. Circular #8312, ibid., 1966.

_____. Supply and Demand for Energy in the United States by States and Regions, 1960 and 1965, by R. F. Zaffarano et. al., Info. Circular #8434, ibid., 1969.

U. S. Cabinet Task Force on Oil Import Control. The Oil Import Question: A Report on the Relationship of Oil Imports to the National Security. 1970.

U. S. Congress. House. Committee on Electric Power Reliability 1969-1970. Hearings before Subcommittee on Communications and Power, March 25-July 30, 1969; May 4-7, 1970. 2 parts. Washington, D.C., 1971.

U. S. Congress. House Committee on Interior and Insular Affairs. Mandatory Oil Import Control Program, Its Impact Upon Domestic Minerals Industry and National Security. Hearings May 13-16, 1968.

U. S. Congress. House Interstate and Foreign Commerce Committee. Northeastern Power Failure November 9-10, 1965. Hearings before Subcommittee to Investigate Power Failures. December 15, 1965, February 25, 1966.

U. S. Congress. House Committee on Science and Astronautics. Task Force on Energy. Energy - the Ultimate Resource. Washington, D.C., 1971.

_____. An Inventory of Energy Research, prepared by Oak Ridge National Labs., ibid., 1972, 2 vol.

U. S. Congress Joint Economic Committee. The Economy, Energy and the Environment, September 1970.

U. S. Congress. Senate Committee on Banking and Currency. High Cost of No. 2 Home Heating Oil. Hearings April 6 and 7, 1970.

U. S. Congress. Senate Committee on Commerce. Electric Power Reliability. Hearing August 22, 1967.

_____. Responses to inquires about Northeastern power failure. November 1965. Interim Report. March 22, 1966.

U. S. Congress. Senate Committee on Interior and Insular Affairs. A Bibliography of Congressional Publications on Energy from the 89th Congress to July 1, 1971. Committee Print #92-6. Washington, D.C., 1971.

_____. A Bibliography of Nontechnical Literature on Energy. Committee Print #92-7, ibid.

_____. Federal Energy Organization. Committee Print. #93-6, (92-41), ibid., 1973.

_____. Fuel Shortages. Hearing February 1 & 23, 1973, 2 parts.

_____. Mineral Shortages. Hearing March 21, 1968.

_____. President's Energy Message, June 15, 1971. Hearing.

_____. A Review of Energy Issues and the 91st Congress. Committee Print. 1971.

_____. A Review of Energy Policy Activities of the 92nd Congress, First Session. Committee Print #92-18, 1972.

_____. A Review of Energy Policy Activities of the 92nd Congress. Committee Print #93-1. (92-36). 1973.

_____. A Review of the Energy Resources of the Public Lands, based on Studies Sponsored by the Public Land Law Review Commission. Committee Print #92-5. 1971.

_____. Selected Readings on Economic Growth in Relation to Population Increase, Natural Resource Availability, Environmental Control and Energy Needs. 2 Parts. Committee Prints #92-3, Parts I and II. 1971.

_____. Summary Report of the Cornell Workshop on Energy and the Environment, February 22-24, 1972. Committee Print #92-23.

_____. Supplemental Bibliography of Publications on Energy. Committee Print #92-29, 1972.

_____. Survey of Energy Consumption Projections. Committee Print #92-19. 1972.

U. S. Congress. Senate Committee on the Judiciary. Competitive Aspects of the Energy Industry. Hearings May 5, 6, 7, 1970.

U. S. Congress. Senate Committee on Public Works. Problems and Issues of a National Materials Policy. 1970.

U. S. Congress. Senate Select Committee on National Water Resources. Water Resources Activities in the United States: Electric Power in Relation to the Nation's Water Resources. 1960.

U. S. Department of the Interior. Char-oil-energy Development, prepared by FMC Corporation. Washington, D.C., 1967.

_____. Engineering Evaluation of Project Gasoline, Synthetic Fuel Process, by Foster Wheeler Corporation, ibid., 1971.

_____. Middle East Petroleum Emergency of 1967, 2 vols., ibid., 1970.

_____. Report to the Secretary of the Interior of the Advisory Committee on Energy. June 30, 1971.

_____. The Role of Petroleum and Natural Gas from the Outer Continental Shelf in the National Supply of Petroleum and Natural Gas. ibid., 1968.

_____. U. S. Energy - A General Review. ibid., 1971.

_____. U. S. Energy - A Summary Review. ibid., 1972.

U. S. Department of State. "Department Discusses International Ramifications of the Energy Situation," Statement May 1, 1973 by W. J. Casey. Bulletin 68: 702-6, May 28, 1973.

_____. "International Cooperation on Energy," Address June 21, 1973 by W. J. Casey. Bulletin 69: 59-62, July 9, 1973.

_____. "International Implications of the Energy Situation," Statement April 10, 1972, by J. N. Irwin, 2d. Bulletin 66: 626-31, May 1, 1972.

_____. "The Outlook for Energy Supplies," Address September 24, 1970 by Philip H. Trezise. Bulletin 63: 479-83, October 26, 1970.

U. S. Energy Study Group. Energy R & D and National Progress: A Study Prepared for the Interdepartmental Study Group. Washington, D.C., 1965.

U. S. Federal Power Commission. The 1970 National Power Survey, 1971.

U. S. Federal Power Commission, Bureau of Natural Gas. The Gas Supplies of Interstate Natural Gas Pipeline Companies, 1969.

_____. "A Staff Report on National Gas Supply and Demand." 1969.

U. S. Geological Survey. Selected Sources of Information on United States and World Energy Resources: An Annotated Bibliography, by Paul Averitt and M. Devereux Carter. Circular #641.

U. S. Office of Emergency Preparedness. Survey of Electric Power Problems, Summer 1971. Washington, D.C., 1971.

U. S. Office of Oil and Gas. Fuel Oil in New England. ibid., 1971.

U. S. Office of Science and Technology. Federal Research and Development for Civilian Energy Production, Conversion and Transmission. ibid., 1969.

_____. A Review and Comparison of Selected United States Energy Forecasts, prepared by Battelle Memorial Institute. ibid., 1969.

Utility Executive Conference. Proceedings: Building the Power Systems of the Seventies. Chicago, 1971.

Vennard, Edwin. The Electric Power Business, 2d edition. New York: McGraw-Hill, 1970.

Walker, H. K. Electric Power Reliability. Oak Ridge National Laboratory, Oak Ridge, Tennessee, 1971.

Wall Street Journal. "Little Black Box," May 19, 1971.

Walsh, J. "Britain and Energy Policy: Problems of Interdependence," Science, June 29, 1973.

Westfall, Herbert C. "What's Ahead in Costs? Distribution Expenses Continue to Rise," Public Power, September/October 1972.

White, David C. Summary of Energy Studies and Problems. Cambridge, Massachusetts: M.I.T. Press, 1971.

Williamson, Harold F., et. al. The American Petroleum Industry. Evanston, Illinois: Northwestern University Press, 1959-1963, 2 vol.

Wilson, Mitchell. Energy. Life Science Library. New York: Time, Inc., 1967.

Winger, John G., et. al. Future Growth of the World Petroleum Industry. Chase Manhattan Bank, New York, 1961.

_____. Outlook for Energy in the United States, ibid., 1968.

3. SURVEYS AND ESTIMATES OF ENERGY DEPOSITS AND RESERVES

American Gas Association, American Petroleum Institute and Canadian Petroleum Association. Proved Reserves of Crude Oil, Natural Gas Liquids and Natural Gas in the United States and Canada as of --- Annual, from 1948.

Colorado School of Mines. Potential Gas Committee. Potential Supply of Natural Gas in the United States (as of December 31, 1968), 3d Biennial Report, Golden, Colorado, 1969.

Federal Power Commission. Hydroelectric Power Resources of the United States. Washington, D.C., 1968.

Hepple, P., editor. Outlook for Natural Gas - A Quality Fuel. Halsted Press, 1973, distributed John Wiley.

Hittman Associates, Inc. Electrical Power Supply and Demand Forecasts for the United States Thrcugh 2050. Columbia, Maryland, 1972.

_____. Study of the Future Supply and Demand of Low Sulfur Fuel Oil, ibid.

_____. Study of the Future Supply and Demand of Natural Gas for Electrical Utilities, ibid.

_____. Survey of Nuclear Power Prospects, ibid.

Lovejoy, Wallace F. and Paul T. Homan. Methods of Estimating Reserves of Crude Oil, Natural Gas and Natural Gas Liquids. Resources for the Future. Baltimore: Johns Hopkins, 1965.

Mancke, Richard B. "The Longrun Supply Curve of Crude Oil Produced in the United States," Antitrust Bulletin, Winter 1970.

National Coal Association. Atomic-Fuel Reserves, How Serious is the Shortage? Washington, D.C., 1966.

National Petroleum Council. Committee on Crude Oil Deliverability. Capacity of Crude Oil Gathering Systems and Deepwater Terminals. Washington, D.C., 1970.

_____. Committee on Emergency Fuel Convertibility. Emergency Fuel Convertibility, ibid., 1965.

_____. Committee on Possible Future Petroleum Provinces of the U.S. Future Petroleum Provinces of the U.S.: A Summary, ibid., 1970.

_____. Oil and Gas Transportation Facilities, ibid., 1962.

_____. U. S. Petroleum and Gas Transportation Capacities, ibid., 1967.

_____. U. S. Petroleum Inventories and Storage Capacity, ibid., 1970.

Pennsylvania Department Environmental Resources. Anthracite, Bituminous Coal and Oil and Gas Division. Annual Report, 1970. Harrisburg.

_____. Pennsylvania Geological Publications. Harrisburg, May 1972, selected list of representative publications:

Coal in Pennsylvania, by W. E. Edmunds and E. F. Koppe. 1968.

Crude Oil Reserves of Pennsylvania, by W. S. Lytle. 1950.

Fuel Competition in Pennsylvania's Electric Generating Industry, by G. F. Deasy and P. R. Griess. 1961.

Geology of Pennsylvania's Oil and Gas, by W. R. Wagner and W. S. Lytle. 1968.

History, Present Status and Future Possibilities of Secondary Recovery Operations in Pennsylvania, by W. S. Lytle. 1960.

The Mineral Industry of Pennsylvania in 19--, Annual, through 1970.

Oil and Gas Developments in Pennsylvania in 19--, Annual, through 1971.

Oil and Gas Fields of Pennsylvania, Vol. I., Introduction, by G. H. Ashley and J. F. Robinson, 1922.

Pennsylvania Bituminous Coal Analyses and Rock Descriptions 1966-68, by R. D. Sponseller.

Pennsylvania Geology. A bimonthly publication issued by Bureau of Topographic and Geologic Survey.

The Petroleum Industry and the Future Petroleum Province in Pennsylvania, by D. R. Kelley, et. al. 1970.

Representative Gamma Ray Logs from Shallow and Deep Wells of Western Pennsylvania, by W. R. Wagner. 1969.

Resources of Pennsylvania in a Nutshell, by G. H. Ashley. 1931.

Summarized Records of Deep Wells in Pennsylvania, by Charles R. Fettke. To 1959.

Underground Gas Storage in Pennsylvania, by W. S. Lytle. 1960.

Uranium in Pennsylvania, by J. F. McCauley. 1961.

Water Resource Reports, var.

Well-Sample Descriptions in Northwestern Pennsylvania and Adjacent States, by C. R. Fettke. 1961.

United Nations. Statistical Office. World Energy Supplies. New York, 1969.

U. S. Bureau of Mines. Analysis of the Availability of Bituminous Coal in the Appalachian Region. Washington, D.C., 1971.

_____. Heavy Oil Reserves in Arkansas, by W. G. Park, S. O. Wood, Jr. and M. Carrales, Jr. Info. Circular #8428, ibid., 1969.

_____. Mineral Industry Survey - Crude Petroleum, ibid., 1970.

_____. Mineral Industry Survey - Natural Gas, ibid., 1971.

_____. Surface and Shallow Oil Impregnated Rocks and Shallow Oil Fields in the United States, prepared by Ball Associates, Ltd. Oklahoma City: Interstate Oil Compact Commission. Bureau of Mines USBM-IOCC Monograph #12.

_____. Transportation Costs of Fossil Fuels. Washington, D.C., 1971.

U. S. Bureau of Natural Gas. National Gas Supply and Demand 1971-1990. Washington, D.C., 1972.

U. S. Congress. House Committee on Science and Astronautics. Nuclear Power Sources. Staff study for Subcommittee on NASA Oversight, 1967.

U. S. Congress. Senate Committee on Interior and Insular Affairs. Natural Gas Supply Study. Hearings November 13-14, 1969.

U. S. Congress. Senate Public Works Committee. Power Aspects of Tocks Island Dam, Delaware River Basin. Hearings March 18-19, 1969.

U. S. Department of the Interior. The Synthetic Liquid Fuel Potential of Colorado, Utah and Wyoming, prepared by Ford, Bacon and Davis Company, Washington, D.C., 1952.

U. S. Geological Survey. Coal Resources of the United States, by Paul Averitt. Bulletin #1275. January 1967.

_____. Mineral and Water Resources of Colorado. November 11, 1968.

_____. Mineral and Water Resources of Utah. March 10, 1969.

_____. Organic-Rich Shale of the U.S. and World Land Areas, by Donald C. Duncan and V. E. Swanson. Circular #523. 1965.

_____. Outer Continental Shelf Oil, Gas, Sulfur and Salt Leasing, Production, Income and Related Statistics, Calendar Year 1970.

_____. U. S. Mineral Resources, edited by D. A. Brobst and Walden P. Pratt. Survey Professional Paper #820, 1973. Partial contents: Coal, by Paul Averitt; Geothermal Resources, by L.J.P. Muffler; Nuclear Fuels, by W. C. Culbertson and J. K. Pitman; Oil and Gas, by T. H. McCulloh.

U. S. Office of Science and Technology. Report on Estimates of Additional Recoverable Reserves Oil and Gas for the United States and Canada, by DeGolyer and MacNaughton.

PART II: SUGGESTIONS FOR ALLOCATION, REGULATION AND IMMEDIATE CONSERVATION OF ENERGY RESOURCES

1. Federal Policy Level:

American Public Power Association. Statement of National Power Policy, Washington, D.C., 1970.

Bagge, Carl E. "The Federal Power Commission," Boston College Industrial and Commercial Law Review, May 1970.

Barfield, Claude E. "Nixon Asks Self-Sufficiency as Nation's Goal: $1 Billion Set for Fiscal 1974 Research," National Journal, October 20, 1973.

Boulding, Kenneth E. "A Look at National Priorities," Current History, August 1970.

Business Week. The New AEC is Listening to the People," March 4, 1972.

_____. "Plan of Attack on the Energy Crisis," June 30, 1973.

_____. "Top Priority - Drawing Up Energy Policy," December 16, 1972.

Carter, Luther J. "Jackson Wants a Big Energy R & D Effort a la Apollo," Science, March 2, 1973.

Colorado School of Mines Quarterly. "State and Federal Regulations Pertaining to the Petroleum Industry," edited by D. M. Bass, July 1970.

Congressional Quarterly. "New Agencies, New Faces, More Money," July 1973.

Congressional Quarterly Weekly Report. "Energy-Environment Dilemma: National Policy Sought," May 6, 1972.

_____. "Energy - Nixon Opens Drive for U.S. Self-Sufficiency," September 15, 1973.

_____. "Senate Passes $4.8 Billion Public Works-AEC Bill," July 28, 1973.

Corrigan, Richard. "Administration Readies 1973 Program to Encourage More Oil, Gas Production," National Journal, October 21, 1972.

_____. "Big Oil Wins Round One of Shipping Quotas Fight," ibid., August 26, 1972.

_____ and James A. Noone. "Budget Would Fund Search for Energy Sources but Would Cut Farm, Water, Park Programs," ibid., February 3, 1973.

_____. "Capital Hill Wrestles with the Energy Shortages as it Seeks the Answer to 'What Went Wrong'," ibid., May 12, 1973.

_____. "Challenges to Trans-Alaska Pipeline May Stall Final Decision until 1973," ibid., April 1, 1972.

_____. "Congress May Settle Alaska Pipeline Case after Administration Defeat in Court," ibid., February 17, 1973.

_____. "Demand for More Oil and Gas Prompts Review of Offshore Leasing," ibid., July 8, 1972.

_____. "El Paso Firm's Worldwide Gambles for Gas Put Pressure on Federal Policy," ibid., January 20, 1973.

_____. "Energy Leaders Ask Money, Freedom to Help Solve National Energy Crisis," ibid., April 29, 1972.

_____. "Nixon Message Follows Months of White House Wrangling," ibid., April 21, 1973.

_____. "Oil Allocation Proposals Stir Debate Between Congress and the Administration," ibid., August 25, 1973.

_____, and Claude E. Barfield. "Pipeline Lobby Uses its Political Muscle to Bypass Environmental Law," ibid., August 11, 1973.

_____. "Rising Demand for Natural Gas Leads to Proposal for High-Cost Fuel Imports," ibid., February 5, 1972.

Davidson, Paul. "The Depletion Allowance Revisited," Natural Resources Journal, January 1970.

Eckles, Robert B. "What Now - Federal Power Commission?" Public Utilities Fortnightly, June 18, 1970.

Engineering News-Record. "Fuel Allocations Omit Construction," October 11, 1973.

Francis, David R. "Senate Liberals Zero in on Tax Loopholes of Oil Industry," Christian Science Monitor, 10 parts. October 6, October 10, October 16, October 21, October 25, October 31, November 6, November 21, November 24, November 26, 1969.

Gillette, H. G. "Energy Policy - Phase II," Science, July 13, 1973.

Gillette, R. "Energy: President Asks $3 Billion for Breeder Reactor," Science, June 11, 1971.

_____. "Fiscal 1974 Budget: Energy," Science, February 9, 1973.

_____. "White House Energy Policy: Who Has the Power?" ibid., March 23, 1973.

Hammond, A. L. "Energy and the Future, Research Priorities and National Policy," ibid., January 12, 1973.

Hirsch, Arnold H. "Regulators Rated: Study Shows Utility Company Overcharges," Public Power, March/April 1972.

Hirschberg, Vera. "Higher Utility Rates Loom as Price Panel Assigns Control to Regulatory Agencies," National Journal, March 25, 1972.

Hobart, Lawrence. "Power Issues Face New Congress," Public Power, January/February 1971.

Hobbie, Barbara and Richard B. Mancke. "Secretary Morton's Mistake: Which Pipeline?" New Republic, June 24, 1972.

Holum, Kenneth. "National Power Grid Would Meet Test of Public Interest," Public Power, October 1972.

Hottel, Hoyt C. and Jack B. Howard. "An Agenda for Energy," Technology Review, January 1972.

Ikard, F. N. "Criticism, Policy and Reality: A National Energy Policy," Address May 28, 1971. Vital Speeches, August 1, 1971.

Johnson, Thomas G. "The Hearing Under Section 7 of the Natural Gas Act - What Now?" Natural Resources Lawyer, July 1969.

Kafoglis, Milton and Norman Keig. "New Policies of the Federal Power Commission," Land Economics, November 1969.

Kalter, Robert J., et. al. Criteria for Federal Evaluation of Resource Investments. Cornell University, Water Resources and Marine Sciences Center, Ithaca, New York, 1969.

Kinney, Gene T. "FPC Steering for Market Regulation of Gas Prices," Oil and Gas Journal, August 3, 1970.

Klaff, Jerome L. "Power Policies," Public Utilities Fortnightly, September 13, 1973.

Lippitt, Henry F., II. "State and Federal Regulatory Agencies - Conflict or Co-operation?" Public Utilities Fortnightly, March 26, 1970.

Lubkin, G. B. "U. S. To Spend More on New Energy Programs," Physics Today, August 1971.

McCormack, Mike. "We Must Explore New Methods of Energy Conversion," Public Power Directory, January/February 1973.

McDonald, Stephen L. "Distinctive Tax Treatment of Income from Oil and Gas Production," Natural Resources Journal, January 1970.

Magazine of Wall Street. "Oil Companies Yield to OPEC," May 8, 1971.

Malin, H. Martin, Jr. "Toward a National Energy Policy," Environmental Science and Technology, May 1973.

Martz, C. O. "Role of Government in Public Resources Management," Rocky Mountain Mineral and Oil Institute, 15:1, 1969.

Mead, Walter J. "The System of Government Subsidies to the Oil Industry," Natural Resources Journal, January 1970.

National Materials Advisory Board. Elements of a National Materials Policy, Washington, D.C., 1972.

Noone, James A. "Oil Import Needs vs Environmental Costs: Key Issue in Deep Water Ports Legislation," National Journal Reports, November 10, 1973.

Ogle, Richard A. "Institutional Factors to Encourage Inter-agency Cooperation in the Management of Natural Resources," Public Administration Review, January/February 1972.

Pace, Joe D. "The Subsidy Received by Publicly Owned Electric Utilities," Public Utilities Fortnightly, April 29, 1971.

Petroleum Industry Research Foundation. Oil Imports and the National Interest, New York, 1971.

Ridgeway, James. "Oil and Gas: Interior Department Should Investigate and Report on Energy Resources in Public Lands," New Republic, August 18, 1973.

Rodgers, William. "Nixon's Energy Policy: Exercise in Political Duplicity," The Nation, May 21, 1973.

Runyon, R. P. and L. Rocks. "Lights Are Going Out; Nixon's Energy Proposals," National Review, July 6, 1973.

Scheibla, Shirley. "The FPC has Produced no Solution to the Shortage of Natural Gas," Barron's, June 1, 1970.

Science News. "Nixon's Energy Message Holds Few Surprises," April 28, 1973.

_____. "Presidential Boost for Energy Research," July 7, 1973.

Sherrill, R. "Written in Oil; President Nixon's Message on Energy," Nation, May 7, 1973.

Starr, Chauncey. "Energy R & D Planning," Science Policy Reviews, #3, 1972.

_____. "National Atomic Energy Policy - Time for a Change," Professional Engineer, February 1971.

_____. "Research on Future Energy Systems," in Hearings before Senate Committee on Interior and Insular Affairs, Emergency Policy and National Goals, October 20, 1971, Part II.

Stephenson, Charles M. "Implications of PLLRC Tax Recommendations for Federal Hydro Projects and Power Facilities," Land Economics, February 1973.

Swidler, Joseph C. "The Role of Energy Conservation in a National Energy Policy," Environmental Affairs, Fall 1972.

Time. "At Last the Energy Message," April 30, 1973.

_____. "Fuel Allocation at Long Last," October 22, 1973.

_____. "Phase II for Energy," July 9, 1973.

U. S. Congress. Joint Committee on Atomic Energy. Participation by Small Electric Utilities in Nuclear Power, Hearings April 30-May 3, 1968; June 11-13, 1968, 2 parts.

U. S. Congress. Senate Committee on Government Operation. Subcommittee on Intergovernmental Relations. Intergovernmental Coordination of Power Development and Environmental Protection Act, Hearings, 2 vol., Washington, D.C., 1970.

U. S. Congress. Senate Committee on Interior and Insular Affairs. Considerations in the Formulation of National Energy Policy. 1971. Committee Print #92-4.

_____. Establishing a National Minerals Policy, Committee Print #91-390, 1969.

_____. The Evolution and Dynamics of National Goals in the United States. 1971. Committee Print #92-2.

_____. Federal Resources (funding & personnel) in Energy Related Activities, Fiscal Years 1972 and 1973. 1973. Committee Print #92-35.

_____. Fuels and Energy. Hearings September 10 & 11, 1970.

_____. President's Energy Message, June 15, 1971. Hearing. Committee Print #92-1, 1971.

_____. President's Energy Message of 1973 and S. 1570, The Emergency Fuel and Allocation Act of 1973. Hearing May 1, 1973. Committee Print #93-10. (92-45).

_____. Toward a Rational Policy for Oil and Gas Imports: A Policy Background Paper. Committee Print #92-34, 1973.

U. S. Congress. Senate Committee on Public Works. Toward a National Materials Policy, 1969.

U. S. Department of the Interior and U. S. Department of Agriculture. Environmental Criteria for Electric Transmission Systems. Washington, D.C., 1970.

U. S. Department of State. President Nixon's National Energy Policy; Radio and Television Statement; Excerpt from Message to Congress, transcript of G. P. Shuttz's News Conference and Text of Executive Order, April 18, 1973. Bulletin 68:561-73, May 7, 1973.

U. S. General Accounting Office. Savings Available by Using More Economical Fuels for Heating at Certain Field Stations, Veterans Administration. Report to Congress by Comptroller General of the U.S., August 1966.

U. S. Industrial College of the Armed Forces. National Security Management: Natural and Energy Resources. Washington, D.C., 1960.

U. S. News and World Report. "Can Nixon Head Off an Energy Crisis?" March 5, 1973.

_____. "Energy Shortage - The President's Blueprint for Meeting Nation's Needs," April 30, 1973.

_____. "Fresh White House Moves to Cope with Energy Crisis," July 9, 1973.

U. S. Office of Naval Petroleum and Oil Shale Reserves. Report on National Emergency Policy, by DeGolyer and MacNaughton. Washington, D.C., 1971.

U. S. President. Economic Report of the President, Annual.

Utton, Albert E. National Petroleum Policy: A Critical Review, Albuquerque: University of New Mexico Press, 1970.

Vansant, Carl. Strategic Energy Supply and National Security. New York: Praeger, 1971.

Vennard, Edwin. Government in the Power Business. New York: McGraw-Hill, 1968.

Wilpers, John. "New White Knight and the Energy Dragon," ibid. Government Executive, August 1973.

Woolley, Barbara. "New AEC Chairman Seeks to Streamline Power-Plant Procedures," National Journal, March 17, 1973.

Wyant, W. K. "Gas Pains: President's Second Message on Energy," New Republic, May 5, 1973.

2. STATE, INDUSTRIAL AND CITIZEN RESPONSE

Abelson, P. H. "Energy Conservation," Science, October 27, 1973.

American Association of Petroleum Geologists. General Rules and Regulations for the Conservation of Oil and Gas, Tulsa, Oklahoma, 1969.

American City. "Nashville: We Will Air Condition and Heat with Garbage," November 1972.

American Gas Association. "Natural Gas Problem and Its Solution," in U. S. Senate Committee on Interior and Insular Affairs, Energy Policy and National Goals, October 20, 1971, Part 2.

_____. Toward Responsible Energy Policies: A Joint Energy Policy Statement with American Petroleum Institute, Atomic Industrial Forum, Edison Electric Institute and National Coal Association. Arlington, Virginia, n.d.

Andrus, R. and S. P. Mathur. "Recycling: An Old Idea with New Significance," Conservation, June 1971.

Architectural Forum. "Architecture and Energy," Theme of issue, July/August 1973. Partial contents: Energy's impact on architecture' Energy Inventory; Before the virgin met the dynamo; Lighting some candles.

Architectural Record. "Round Table on Energy Conservation through Higher Quality Building," January 1972.

Association Management. "How Associations are Working to Solve the Energy Crisis," May 1973.

Bailie, Richard C. and Seymour Alpert. "Conversion of Municipal Waste to a Substitute Fuel," Public Works, August 1973.

Baldwin, Malcolm F. The Southwest Energy Complex: A Policy Evaluation, Conservation Foundation, Washington, D.C., 1973.

Bank of New York. "Petroleum Conservation - How America is Making Most of Its Oil and Gas Resources," Natural Resources Lawyer, May 1970.

Berg, Charles A. "Energy Conservation Through Effective Utilization," Science, July 13, 1973.

Bernshtein, Lev B. Tidal Energy for Electric Power Plants, Jerusalem: Israel Program for Scientific Translations, 1965.

Bowen, D. H. Michael. "Local Trash Cuts Downtown Fuel Bills," Environmental Science and Technology, September 1972.

Business Week. "Enough Energy if Resources are Allocated Right," April 21, 1973.

_____. "Managing in a Shortage Economy," Special Report, November 10, 1973.

Caraway, W. J. "Interview: Outlook for Fuel to Produce Electric Energy in Mississippi," Mississippi Municipalities, October 1972.

Charlier, Roger Henri. "Tidal Energy," Sea Frontiers, November/December 1969.

Chemistry. "Solutions to the Power Problem," October 1971.

Citizens Advisory Committee on Environmental Quality. Citizen Action Guide to Energy Conservation, Washington, D.C., 1973.

Clark, Wilson. "Interest in Wind is Picking Up as Fuels Dwindle," Smithsonian, November 1973.

Coal Age. "The Black Mesa Plan: Energy Today, Better Land Tomorrow," March 1971.

_____. "Reclamation: U. S. Steel is Involved," April 1971.

Congressional Quarterly. "Energy: Conflict Ahead on Allocation Fuels," October 6, 1973.

Cook, Franklin H. "The 'Best' Type of Private Ownership Versus the 'Best' Type of Public Ownership," Public Utilities Fortnightly, December 3, 1970.

_____. "Is Public Power the Answer?" ibid., February 1970.

Corr, M. and D. MacLeod. "Getting it Together; Energy Use in Communes and Other Alternative Life Styles," Environment, November 1972.

Creston, Tony. "Arkansas Gas Pipeline Code," Arkansas Municipalities, July 1972.

Cunningham, Newell F. and Herbert I. Hollander. "Compacted Waste is Power Plant Boiler Fuel," Public Power, May/June 1972.

David, Edward E. "Energy: A Strategy of Diversity," Technology Review, June 1973.

Demaree, Allen T. "Our Crazy, Costly Life with Oil Quotas," Fortune, June 1969.

Denver Research Institute. Future Requirements Agency. Future Natural Gas Requirements of the United States, Denver, 1967, 4 vols.

Dow, Paul. "Utility Regulation in the Metro Area," Minnesota Municipalities, April 1972.

Dubin, Fred S. "Energy Conservation Needs New Architecture and Engineering," Public Power, March/April 1972.

Educational Facilities Laboratory. Total Energy: A Technical Report. New York, 1967.

Elliott, H. H. Gas Energy Systems; Fuel Utilization Efficiency in Small Building Heating. Institute of Gas Technology, Chicago, 1969.

Environmental Science and Technology. "Geothermal Heats Up; Power from the Earth's Heat will Figure Importantly in the Energy Crisis, But It's Not a Panacea for Energy Ills," August 1973.

Forbes. "To Keep the Lights Burning," July 15, 1970.

Foster Associates, Inc. An Analysis of the Regulatory Aspects of Natural Gas Supply. Washington, D.C., 1973.

Friedlander, Gordon D. "New Directions in Power: Spiraling Demands for Electricity and Awakened Fears for the Environment are Hastening Advances in Energy Generation and Transmission," Modern Government, September 1972.

Gould, W. R. "Energy Options for the Future," Address, Vital Speeches, July 15, 1973.

Grahl, J. "Conservation in the Use of Coal," Public Power, May 1970.

Grimes, John A. "Wanted: A Rational Emergency Policy," American Federationist, April 1973.

Halvorsen, R. Sierra Club Conference on Power and Public Policy, Burlington, Vermont: Public Resources, Inc., 1972.

Hammond, Allen L. "Conservation of Energy; The Potential for more Efficient Use," Science, December 3, 1972.

_____. "Energy Needs: Projected Demands and How to Reduce Them," ibid., December 15, 1972.

_____. "Energy Options: Challenge for the Future," ibid., September 8, 1972.

Hardesty, C. H., Jr. "Critical Path to Adequate Supplies of Energy," Address May 18, 1972, Vital Speeches, July 1, 1972.

Hirst, Eric and Robert Herendeen. "A Diet Guide for Chronic Energy Consumers," Saturday Review - Science, October 28, 1972.

Hirst, Eric and John C. Moyers. "Efficiency of Energy Use in the United States," Science, March 30, 1973.

Hittman Associates, Inc. Residential Energy Consumption - Multi-Family Housing Data Acquisition. Columbia, Maryland, 1972.

Hodges, John R. Natural Gas: Price Regulation vs. Supply, University of Texas at Austin, Bureau of Business Research, 1970.

Hughes, William R. and Franklin M. Fisher. "Would Increasing Residential Electric Rates Help Preserve Environmental Quality?" Public Utilities Fortnightly, April 1, 1971.

Illinois Municipal Review. "Waste Not Wasted," August 1972.

Illinois University. Small Homes Council-Building Research Council. Case Studies in Electrical Heating, by D. E. Brotherson, Urbana, 1962.

_____. Insulation for Heating, by D. E. Brotherson, ibid., 1969.

_____. Performance Characteristics of Three Residential Electric Heating Systems, by R. R. Laschober, et. al., ibid., 1965.

Independent Natural Gas Association of America. The Natural Gas Pipeline Industry: A Study of Regulatory Policy in Terms of the Public Interest, 2d Edition, Washington, D.C., 1970.

Interstate Oil Compact Commission. A Study of Conservation of Oil and Gas in the United States, Tulsa, 1964.

Jacobs, W. Morton. "New Goals for Progress in the Natural Gas Industry," Public Utilities Fortnightly, October 23, 1969.

Jensen, James T. and Thomas R. Stauffer. Implications of Natural Gas Consumption Patterns for the Implementation of End-Use Priority Programs. Arthur D. Little, Inc., Cambridge, Massachusetts, 1972.

Jones, E. C. Experience with an Electrically Heated Home, Morgantown: West Virginia University Press, 1964.

Kramer, Eugene. "Energy Conservation and Waste Recycling: Taking Advantage of Urban Congestion," Bulletin of the Atomic Scientists, April 1973.

_____ and Fred S. Dubin. "New York Should Stop Wasting All That Garbage," City, Fall 1972.

Lapp, Ralph E. "Brainpower, An Answer to Our Energy Problem," Nations Business, August 1972.

Latus, Mark. "Preservation and the Energy Crisis," Historic Preservation, April/June 1973.

Lessing, Lawrence. "Capturing Clean Gas and Oil from Coal," Fortune, November 1973.

_____. "New Ways to Power with Less Pollution," ibid., November 1970.

Lincoln, G. A. "Energy Conservation," Science, April 13, 1973.

Lovejoy, Wallace F. "Oil Conservation, Producing Capacity and National Security," Natural Resources Journal, January 1970.

_____ and Paul T. Homan. Economic Aspects of Oil Conservation Regulation, Resources for the Future, Baltimore: Johns Hopkins, 1967.

McDonald, Stephen L. Petroleum Conservation in the United States: An Economic Analysis, ibid., 1971.

McGeorge, Robert L. "Approaches to State Taxation of the Mining Industry," Natural Resources Journal, January 1970.

Magazine of Wall Street. "Electric Utilities: Uneven Progress," May 8, 1971.

_____. "U.S. Battles Energy Squeeze," September 26, 1970.

Meshenberg, Michael J. Environmental Planning. Part I: Environmental Information for Policy Formation, Planning Advisory Report #263, American Society of Planning Officials, Chicago, November 1970.

Metcalf, and Eddy, Inc. Generation of Steam from Solid Waste, Boston, Massachusetts, 1972.

Meyer, Charles F. and David K. Todd. "Conserving Energy with Heat Storage Wells," Environmental Science and Technology, June 1973.

Mills, G. Alex, Harry R. Johnson and Harry Perry. "Fuels Management in an Environmental Age," ibid., January 1971.

Mills, P. J. "A Supercatch for the Pelican State?" State Government, Summer 1973.

Mintz, Morton. "Electricity for the Future," Washington Post, 4 parts, August 23, 24, 25 and 26, 1970.

_____ and Robert K. Warner. "U. S. Electric Utilities: An Increasing Concentration of Power," ibid., September 14, 1970.

Moyers, John C. Value of Thermal Insulation in Residential Construction, Oak Ridge National Laboratory, Oak Ridge, Tennessee, 1971.

Murphy, John J., editor. Energy and Public Policy - 1972. Conference Board, New York, 1972.

Nassikas, John N. "Energy Policy Imperatives," Natural Resources Lawyer, Fall 1972.

_____. "Regulation of the Electric Utilities in the 1970's," Edison Electric Institute Bulletin, July/August 1970.

National Petroleum Council. Guide to NPC's Report on U.S. Energy Outlook, by John G. McLean and Warren B. Davis. Washington, D.C., 1973.

Nations Business. "Easing the Pain of the Energy Pinch," August 1973.

Natural Resources Lawyer. "Petroleum Conservation - How America is Making the Most of its Oil and Gas Resources," May 1970.

NCRR Bulletin. "Municipal Solid Waste - A Source of Energy," National Center for Resource Recovery, Inc., Washington, D.C., Summer 1973.

Netschert, Bruce C. "The Energy Company - A Monopoly Trend in the Energy Markets," Bulletin of the Atomic Scientists, October 1971. Also in: Hearings before Senate Committee on Interior and Insular Affairs, Emergency Policy and National Goals, October 20, 1971, Part II.

New Republic. "Oil Substitutes," July 21, 1973.

New York City Environmental Protection Administration. Toward a Rational Power Policy: Reconciling Needs for Energy and Environmental Protection. Report to Mayor's Interdepartmental Committee on Public Utilities, New York, 1971.

_____. Toward a Rational Power Policy; Energy, Politics and Pollution, A Report by the Environmental Protection Administration of New York, by Neil Fabricant and Robert Marshall Hallman, New York: Braziller, 1971.

New York (State) Interdepartmental Fuel and Energy Committee. Report of the Ad Hoc Committee on Energy Efficiency in Large Buildings, Albany.

Newsweek. "Counting the Cost," February 21, 1972.

_____. "Dirty Black Ace in the Hole," February 12, 1973.

_____. "Fuel: Button Up Your Overcoat," ibid.

_____. "Save a Watt," May 28, 1973.

Oil and Gas Tax Quarterly. "Tax Problems of Natural Resources Other Than Oil and Gas," June 1972.

Owen, Bruce. "Monopoly Pricing in Combined Gas and Electric Utilities," Antitrust Bulletin, Winter 1970.

Pennsylvania Department of Community Affairs. Homeowner's 12-Point Guide for Conserving Fuel Oil and Gasoline (and money, too), prepared for the Governor's Energy Task Force, October 1973. (Pamphlet). Harrisburg.

_____. "14 Steps that Pennsylvania Should Take Now to Deal with a Possible Energy Shortage This Winter," New Release #874, October 29, 1973.

Pennsylvania Governor's Science Advisory Committee. Energy for Pennsylvania - A Plan for Action, submitted to Energy Management Subcommittee, 1973.

Pennsylvania University. Conservation and Better Utilization of Electric Power by Means of Thermal Energy Storage and Solar Heating, Philadelphia: University of Pennsylvania Press, 1971.

People's Gas, Light and Coke Company. Modular Housing Energy Comparison Study, April 7, 1969 to April 6, 1970, Chicago, 1970.

Permar, David H. "A Legal Solution to the Electric Power Crisis; Controlling Demand through Regulation of Advertising, Promotion and Rate Structure," Environmental Affairs, Vol. 1, #3.

Progressive Architecture. "Available Now: Systems that Save Energy," October 1971.

Public Power. "Local Public Power Systems Pace Industry Growth," September/October 1971.

_____. "Local Public Systems Provide Consumers with Lower Cost Power," July/August 1972.

Rhode, G. K. "Utility Environmental Surveillance Programs," American Journal of Public Health, February 1972.

Rothenberg, Leon. State Preferential Tax Treatment for Pollution Control Facilities, Federation of Tax Administrators, Research Report #6, Chicago, 1971.

Schuster, Ray. "Total Energy and Electric Utilities," Power Engineering, March 1971.

Shibley, Raymond N. "Natural Gas Supply. An Appraisal of Regulation," Panhandle Magazine, Spring 1971.

Smith, F. R. "Stop the World, or Use it Better!" American Home, March 1973. Discussion: May 1973.

Smith, Richard D. "Converting Solid Wastes to Electricity," Environmental Science and Technology, August 1970.

Starr, Roger. "Power and the People - The Case of Con Edison," Public Interest, Winter 1972.

Stein, Jane. "There Are Ways to Help Buildings Conserve Energy," Smithsonian, October 1973.

Stein, Richard G. "Architecture and Energy," Architectural Forum, July/August 1973.

_____. "A Matter of Design," Environment, October 1972.

_____. "Spotlight on the Energy Crisis: How the Architects Can Help," AIA Journal, June 1972.

Stoltenberg, Carl H., et. al. Planning Research for Resource Decisions, Ames, Iowa: Iowa State University Press, 1971.

Time. "Getting More Power to the People," April 19, 1971.

Tybout, Richard A. and George O.G. Lof. "Solar House Heating," Natural Resources Journal, April 1970.

Udall, Stewart L. "The Energy Crisis: A Radical Solution," World, May 8, 1973.

U. S. Congress. Senate Committee on Interior and Insular Affairs. Conservation of Energy, Committee Print #92-18, 1972.

_____. Hearing: Conservation of Energy, March 22 and 23, 1973. Committee Print 93-7 (92-42).

_____. Hearing: Financial Requirements of the Nation's Energy Industries, March 6, 1973, Committee Print 93-5, (92-40).

U. S. Department of the Interior. Pipeline Gas from Coal by Two Stage Entrained Gasification, by E. E. Donath, Washington, D.C., 1965.

U. S. Department of Environmental Protection. Systems Evaluation of Refuse as Low Sulfur Fuel, 2 vols., 1971.

U. S. Federal Power Commission. Electric Utility Depreciation Practices, Washington, D.C., 1966.

U. S. News and World Report. "America's Energy Crisis: Ways People and Companies Beat It," September 10, 1973.

U. S. Rural Electrification Administration. "Electric House Heating," Washington, D.C., 1960.

URS Research Corporation. Guidelines for Generating and Using Electric Power During Prolonged Emergencies, San Mateo, California, 1971.

Weinberg, Alvin M. and R. Philip Hammond. "Limits to the Use of Energy," American Scientist, July/August 1970.

Wheatley, Charles F., Jr. "Natural Gas: Crisis in Regulation," Public Power, March/April 1971.

Wilcox, William H. "Lessons for Pennsylvania from Colorado's Energy Shortage," letter October 23, 1973 to Charles G. Simpson, Chairman of Governor's Task Force on Energy.

Wilson, C. L. "Plan for Energy Independence," Foreign Affairs, July 1973.

Wilson, John W. "Residential Demand for Electricity," Quarterly Review of Economics and Business, Spring 1971.

Wilson, R. "Power Policy: Plan or Panic?" Bulletin of the Atomic Scientists, May 1972.

Wirtz, Richard S. "Electric-Utility Interconnections: Power to the People," Stanford Law Review, June 1969.

PART III: LONG-TERM CONSERVATION AND FUTURE DEVELOPMENT

1. Long-Term Conservation and Environmental Impact:

Abrahams, P. P. "Balancing Environment and Energy Needs," Current, April 1973.

Abrahamson, Dean E. Envrionmental Cost of Electric Power, New York: Scientists' Institute for Public Information, 1970.

Alexander, Tom. "Some Burning Questions About Combustion," Fortune, February 1970.

Anderson, Robert O. "Energy and Environment Need Not Be in Conflict," Catalyst for Environmental Quality, Vol. III, #2, 1973.

Aymond, A. H. "Electric Energy and the Environment," Public Utilities Fortnightly, June 4, 1970.

Bagge, Carl E. "One Dimensional Land Use Legislation: A Threat to Rational Energy Development," Natural Resources Lawyer, 6:74, Winter 1973.

Bandurski, Bruce Lord. "Ecology and Economics - Partners for Productivity," The Annals of the American Academy of Political and Social Sciences, January 1973.

Bank of New York. "Petroleum Conservation - How America is Making Most of its Oil and Gas Resources," Natural Resources Lawyer, May 1970.

Bergen, G.S.P. "Some Thoughts on Power Supply and the Environment," Record of the Association of the Bar of the City of New York, November 1971.

Best, J. A. "Recent State Initiatives on Power Plant Siting: A Report and Comment," Natural Resources Lawyer, Fall 1972.

Blackett, George H. "Measuring Raw Materials Needs to the Year 2000," Conference Board Record, January 1971.

Branch, Melville C. "Oil Extraction, Urban Environment and City Planning," AIP Journal, December 12, 1971.

Business Week. "Testing the New Land Use Laws," July 7, 1973.

_____. "When Hydrogen Becomes the World's Chief Fuel," September 23, 1972.

Cambel, Ali B., et. al. Energy R & D and National Progress, prepared for the Interdepartmental Energy Study by the Energy Study Group, Government Printing Office, Washington, D.C., 1965.

Carter, Luther J. "Land Use: Congress Taking Up Conflict Over Power Plants," Science, November 13, 1970.

Case Western Reserve Law Review. "U.S.--Canadian Energy Resource Development," 5:36, Winter 1972.

Chapman, Peter F. "Energy Production - A World Limit?" New Scientist, September 24, 1970.

Charlier, Roger Henri. "Tidal Energy," Sea Frontiers, November/December 1969.

Cicchetti, Charles J. "The Wrong Route," Environment, June 1973.

Clark, Timothy B. "Environmentalists Divide on 'One-Stop' Plan for Decisions of Siting Electric Power Facilities," National Journal, September 4, 1971.

_____. "Legislation on Power Plant Siting Seeks to Speed Resolution of Environmental Disputes," ibid., August 28, 1971.

Coe, Robert N. "Power and the Environment," Planning, American Society Planning Officials, February 1973.

Commoner, Barry, Michael Corr and Paul J. Stamler. "The Causes of Pollution," Environment, April 1971.

Congressional Quarterly. "Energy-Environment Dilemma: National Policy Sought," May 6, 1972.

Conservation Foundation Letter. "Can We have All the Electricity We Want and a Decent Environment too?" March 1970.

Council on Economic Priorities. The Price of Power: Electric Utilities and the Environment, edited by Joanna Underwood. New York City, 1972.

Dale, Edwin L., Jr. "The Economics of Pollution," New York Times Magazine, April 19, 1970.

Dasman, Raymond F. Environmental Conservation. New York: John Wiley, 3d edition, 1972.

Denver University. Future Requirements Committee, Denver Research Institute, Future Natural Gas Requirements of the United States, Vol. 3. Denver, 1969.

Drake Legal Review. "Power Plant Siting - a Regulatory Crisis," June 1973.

Dumelle, Jacob D. "The Paradoxes of Pollution," Illinois Municipal Review, July 1972.

Edison Electric Institute. Committee on Environment. Plant Siting Task Force. Major Electric Power Facilities and the Environment. Chicago, 1970.

Electric Research Council. Electric Utilities Industry Research and Development Goals Through the Year 2000. Washington, D.C., 1971.

Electric Utility Industry Task Force on Environment. The Electric Utility Industry and the Environment; a Report to the Citizens Advisory Committee on Recreation and Natural Beauty. New York, 1968.

Engineering News-Record. "Nuclear Energy Research Loses to Coal," October 25, 1973.

Fisher, Anthony C., et al. "The Economics of Environmental Preservation: a Theoretical and Emperical Analysis," American Economic Review, September 1972.

Fisher, Clyde O., Jr. "Siting Transmission Lines," American Society Planning Officials, Planning, February 1973.

Flawn, Peter T. Environmental Geology. Conservation, Land-Use Planning and Resource Management. New York: Harper, 1970.

Florida Municipal Record. "Public Service Commission Issues Order Instituting Investigation of Long-Range Electric Energy Needs," June 1972.

Forbes. "To Keep the Lights Burning," July 15, 1970.

Gerber, Abraham. "Environment and the Energy Industries," Business Economics, January 1971.

Gilbert, Bil. "When a Law Fights a Law," Sports Illustrated, April 26, 1971.

Glaser, Peter E. The Environmental Crisis in Power Generation and Possible Future Directions. Cambridge, Massachusetts: Arthur D. Little, 1971.

Hardesty, C. H., Jr. "Energy vs. Ecology," Vital Speeches, March 1, 1973.

Hauser, L. G. and R. F. Potter. "The Future of Fossil Fuels," Power Engineering, May 1971.

Hirst, E. "Energy vs. Environment: the Coming Struggle," Living Wilderness, Winter 1972.

Holcomb, Robert W. "Power and Fuel Resources," Current History, June 1970.

Hubbert, M. K. "Energy Resources," in Resources and Man, a study by the National Research Council, National Academy of Science. Washington, D.C., 1962.

_____. "Energy Resources of the Earth," Scientific American, September 1971.

Katz, Milton. "Electric Power Production and Environmental Protection," in Hearings before Senate Committee on Interior and Insular Affairs, Emergency Policy and National Goals, Part II. Washington, D.C., 1971.

Kuhnke, Hans-Helmut. "The Long-Term Energy Supply," Intereconomics, #2, February 1970.

Landsberg, Hans H. National Resources for U.S. Growth - a Look Ahead to the Year 2000. Baltimore: Johns Hopkins, 1964.

Lapp, Ralph E. "Where Will We Get the Energy?" New Republic, July 11, 1970.

Lovering, T. S. "New Fuel Mineral Resources in the Next Century," Texas Quarterly, Vol. II, 1968.

Luce, Charles F. "Power for Tomorrow: the Siting Dilemma," Environmental Law, Spring 1970. Also in: Record of the Association of the Bar of New York City, January 1970.

McHale, John. "World Energy Resources in the Future," Futures, September 1968.

McMullin, R. J. "Thinking Envrionment," Public Power, May 1970.

McTague, Peter J. "Energy? Ecology? or Both?" Public Utilities Fortnightly, April 1, 1971.

Merriam, Marshal F. "Decentralized Power Sources for Developing Countries," International Development Review, #4, 1972.

Murdoch, William W. Environment: Resources, Pollution and Society. Stamford, Connecticut: Sinauer Associates, 1971.

Nagel, Theodore J. and Gregory S. Vassell. "Power Plant Siting Requirements," American Society Planning Officials, Planning, February 1973.

National Academy of Engineering. Engineering for Resolution of the Energy-Environment Dilemma. Washington, D.C., 1971.

National Academy of Sciences. Resources and Man. Washington, D.C., 1969.

National Science Foundation. Future Energy Demand and Its Effect on the Environment, by Diane M. Morris. Santa Monica, California: Rand Corporation, 1972.

Netschert, Bruce C. "Energy vs. Environment," Harvard Business Review, January/Febraury 1973.

Newsweek. "The Big Cleanup," June 12, 1972.

_____. "Can We Fuel a Clean World?" ibid.

Novik, S. "Looking Forward: Saving the Environment Through More Effective Use of Energy," Environment, May 1973.

Public Land Law Review Commission. One Third of the Nation's Land. Washington, D.C., 1970.

Public Power. "Power and the Environment," May 1970. Contents: "Thinking Environment," R. McMullin; "A New Form of Competition," S. Freeman; "Environmental Concern is Major Problem," L. White; "Conservation in Use of Coal," J. Grahl.

Putnam, P. C. Energy in the Future. New York: Van Nostrand.

Ramey, J. T. "Energy Needs of the Nation and the Cost in Terms of Pollution," Atomic Energy Law Journal, Spring 1972.

Rhode, G. K. "Utility Environmental Surveillance Programs," American Journal of Public Health, February 1972.

Ridgeway, James. "Cleaning of America (Don't Hold Your Breath)," Ramparts Magazine, March 1971.

Roche, M. "Power Without Pollution," House and Garden, September 1972.

Sax, J. L. "Public Trust Doctrine in Natural Resource Law: Effective Judicial Intervention," Michigan Law Review, January 1970.

Schesinger, J. R. "Energy, the Environment and Society," Atomic Energy Law Journal, Spring 1972.

Schurr, Sam H. Energy Research Needs, Resources for the Future, Inc. Baltimore: Johns Hopkins, 1971.

Science News. "Energy, Technology and Future Options, July 24, 1971.

Seaborg, Glenn T. "Energy and Environment - a Rational Outlook," Congressional Record, April 21, 1970, E3458-E3459.

_____. "Energy and Our Futures," Public Utilities Fortnightly, February 1, 1973.

Singer, S. F. "Human Energy Production as a Process in the Biosphere," Scientific American, September 1970.

Smith, Turner T., Jr. "Electricity and the Environment - the Generating Plant Siting Problem," Business Lawyer, November 1970.

Sutton, David B. and N. Parl Harmon. Ecology: Selected Concepts. New York: Wiley, 1973.

Swidler, Joseph C. "The Critical Path Between Energy and the Environment," Public Power, November/December 1971.

Tell, W. K., Jr. "Marine Sanctuaries' Balance of Energy vs. Environmental Needs," Natural Resource Lawyer, Winter 1973.

United Nations. Economic and Social Council. Natural Resources Development and Policies, Including Environmental Considerations. New York, 1971.

_____. New Sources of Energy and Energy Development: Solar Energy, Wind Power, Geothermal Energy, ibid., 1962, rev. 1972.

U.S. Bureau of Mines. U.S. Energy Through the Year 2000. Washington, D.C., 1972.

U.S. Congress. House. Committee on Interstate and Foreign Commerce. Powerplant Sitings and Environmental Protection. Hearings before Subcommittee on Communications and Power. May 4-27, 1971, 3 parts. Washington, D.C., 1971.

U.S. Congress. Joint Atomic Energy Committee. Selected Materials on Environmental Effects of Producing Electric Power. Washington, D.C., 1969.

U.S. Congress. Joint Economic Committee. Conservation of Energy, 1972.

U.S. Congress. Senate. Committee on Interior and Insular Affairs. Energy Policy and National Goals: a Symposium, 2 parts, Committee Print #92-11. Washington, D.C., October 1971.

U.S. Council on Environmental Quality. Department of Commerce and Environmental Protection Agency, The Economic Impact of Pollution Control. Washington, D.C., 1972.

U.S. Department of Agriculture. Economic Research Services. Planning Natural Resource Development: an Introductory Guide, Agricultural Handbook #431, 1972.

U.S. Department of Interior. Environmental Criteria for Electric Transmission Systems. Washington, D.C., 1970.

_____. It's Your World...the Grassroots Conservation Story, Yearbook #5.

_____. Man - an Endangered Species? Conservation Yearbook #4, 1968, Part 3: Water Resources; Part 4: Mineral and Fuel Resources.

_____. Our Environment and Our Natural Resources - Indivisibly One. Conservation Yearbook #8, 1972, esp.: "Energy for Living."

U.S. News and World Report. "Growing Drive to Tap Vast U.S. Fuel Reserves," April 30, 1973.

U.S. Office of Science and Technology. Energy Policy Staff. Considerations Affecting Steam Power Plan Site Selection. Washington, D.C., 1968.

_____. Electric Power and the Environment. Washington, D.C., 1970.

U.S. Office of the Vice President. Working Committee on Utilities. Report to the Vice President and to the President's Council on Recreation and Natural Beauty. Washington, D.C., 1968.

Vermont Legislative Council. Committee to Study Electric Energy and Nuclear Generating Plants in Relation to the Vermont Environment, Report. Montpelier, 1969.

Wagner, W. F. "Energy Conservation: Random Thoughts on Getting on with the Job," Architectural Record, July 1973.

_____. "Some Random Thoughts on Open Space, Environment, and Energy," ibid., May 1972.

_____. "You Can't Make a Power Plant Look Like a Tree: Or, Waste Not, Want Not," ibid., November 1971.

Washburn, Charles A. "Clean Water and Power," Environment, September 1972.

Weaver, K. F. "Search for Tomorrow's Power," National Geographic, November 1972.

Weinberg, Alvin M. and R. Philip Hammond. "Limits to the Use of Energy," American Scientist, July/August 1970.

White, L. "Environmental Concern is Major Problem," Public Power, May 1970.

Willrich, M. Energy-Environment Conflict: Siting Electric Power Facilities," Virginia Law Review, February 1972.

2. Fuel for Transportation: Need, Allocation and Environmental Considerations:

Aaronson, Terri. "Tempest over a Teaport," Envrionment, October 1969.

Bulletin of the Atomic Scientists. "Electric Cars: the Battery Problem," April 1971.

Campbell, M. Earl. "The Energy Outlook for Transportation in the United States," Traffic Quarterly, April 1973.

Electric Vehicle Council. Proceedings 1st International Electric Vehicle Symposium, Phoenix, 1969. New York: Publication #69-1000.

Fraize, W. E. and J. K. Dukowicz. Transportation Energy and Environmental Issues, Mitre Corporation, Washington, D.C., 1972.

Gross, Edward. "Driving with Methane," Science News, January 17, 1970.

Hirst, Eric. Energy Consumption for Transportation in the U.S. Oak Ridge, Tennessee: Oak Ridge National Laboratory, 1972.

Hoffman, George A. "Future Electric Automobiles," Technical Forecasting, Fall 1969.

Lear, William P. "The Steam Car: Mr. Lear Combusts Externally," Professionsl Engineer, August 1970.

Linicome, Roberta. "Electric Utilities Can't Avoid Leadership in Railroad Electrification," Electric Light and Power, May 1971.

MacAvoy, Paul W. and James Sloss. Regulation of Transport Innovation: the ICC and Unit Coal Trains to the East Coast. New York: Random, 1967.

Mitre Corporation. United States Transportation: Some Energy and Environmental Considerations. McLean, Virginia 1972.

Oak Ridge National Laboratory. Energy Consumption for Transportation in the United States. Oak Ridge, Tennessee, 1972.

Savery, C. William. "Future Energy Source for Transportation," Traffic Quarterly, October 1972.

U.S. Congress. Senate Committee on Commerce. Automobile Steam Engine and other External Combustion Engines. Hearings May 27, 28, 1968.

_____. Electric Vehicles and other Alternatives to Internal Combustion Engines. Hearings May 14 - April 10, 1967.

_____. Search for Low-Emission Vehicle. Staff report, 1969.

U.S. News and World Report. "Search for the Steam-Driven Car," January 19, 1970.

Young, H. J. "Electric Transportation - Now and in the Future," Edison Electric Institute Bulletin, April 1971.

3. Energy Resources in Alaska and the Arctic:

Alaska Legislative Council. Economic Considerations Bearing on Valuation of Alaskan Crude Oil and State Policy on Pipelines, by W. J. Levy. Juneau, 1970.

Alaska State Housing Authority. Community Impacts of the Trans-Alaska Pipeline. Juneau, 1971.

Alaska University. Mining and Public Policy in Alaska: Mineral Policy, the Public Lands Economic Development, by Arlon R. Tussing and Gregg Z. Erickson. Fairbanks, 1969.

American Petroleum Institute. Committee on Public Affairs. Oil and the Challenge of Alaska - the Petroleum Industry's Concern for the Environment. Washington, D.C., 1971.

Aspin, Less. "Pipeline Reports Suppressed," National Parks and Conservation Magazine, April 1971.

Basye, Dale E. "Alaska: Land of Challenge," Oil and Gas Journal, August 11, 1969.

Benedict, Roger W. "North Slope Gamble," Wall Street Journal, November 17, 1969.

Brower, David. "Should the Alaska Pipeline be Approved?" New Scientist, April 8, 1971.

_____. "Who Needs the Alaska Pipeline?" New York Times, February 5, 1971.

Business Week. "Alaska: Close to Cashing Oil's Riches," March 25, 1972.

_____. "A Yes and a Maybe on the Alaska Pipeline," November 10, 1973.

Bylin, James E. "Boom to Gloom," Wall Street Journal, June 18, 1970.

Cahn, Robert. "Alaska's Oil: a Nation's Dilemma," 9 parts, Christian Science Monitor, August 22, 23, 26, 27, September 2, 6, 10, 12, 15, 1969.

Congressional Quarterly. "Alaska Pipeline Bill Survives House Challenge Intact," August 11, 1973.

_____. "Alaska Pipeline: New Energy-Environment Clash Looms," March 31, 1973.

_____. "Alaskan Oil: Powerful Interests in Pipeline Battle," March 11, 1972.

_____. "House Committee Approves Alaskan Pipeline Measure," August 4, 1973.

Corrigan, Richard. "Challenges to Trans-Alaska Pipeline May Stall Final Decision Until 1973," National Journal, April 1, 1972.

_____. "Congress May Settle Alaska Pipeline Case after Administration Defeat in Court," ibid., February 17, 1973.

Forbes. "Alaska's $50-Billion Boom," November 15, 1969.

Foxworth, Robert. "Emerging 'Giant'," Barron's, June 20, 1970.

Gallagher, J. P. "Oil and Gas Potential on the North Slope," Financial Analysts Journal, November/December 1969.

Gordon, Mitchell. "Ice Palace: Oil Producers Have Struck It Rich in Alaska," Barron's, April 14, 1969.

Gross, Edward. "Getting Set for a Black Gold Rush," Science News, February 14, 1970.

Hartig, R. L. and J. K. Norman. "Production, Conservation and Utilization of Natural Gas in Alaska," Natural Resources Lawyer, November 1970.

Journal of Commerce. "Oil Find on Alaskan North Slope Poses Problems for Industry," July 22, 1969.

Lapham, Lewis. "Alaska: Politicians and Natives, Money and Oil," Harper's Magazine, May 1970.

Laycock, George. "Kiss the North Slope Good-By? It's Oil Country Now!" Audubon, September 1970.

Louis, Arthur M. "The Escalating War for Alaskan Oil," Fortune, July 1972.

Magazine of Wall Street. "Alaskan Oil: Ecology vs. Industrial Progress," June 6, 1970.

Moxness, Ron. "The Long Pipe," Environment, September 1970.

Norgaard, R. B. "Petroleum Development in Alaska: Prospects and Conflicts," Natural Resources Journal, January 1972.

Pearn, William H. "Arctic Pipelining - Tough, Costly, but Feasible," Oil and Gas Journal, November 16, 1970.

Pollak, Richard. "Oil on Ice," Sierra Club Bulletin, January 1971.

Reed, John C. "Effects of Oil Development in Artic America," Biological Conservation, July 1970.

Rice, Richard A. "How to Reach North Slope Oil; Some Alternatives and Their Economics," Technology Review, June 1973.

Smith, William D. "Conquering the Northwest Passage," Finance, July 1969.

U.S. Bureau of Sport, Fisheries and Wildlife. Environmental Influences of Oil and Gas Development in the Arctic Slope and Beaufort Sea, Resource Publication #96, 1971.

U.S. Department of the Interior. Draft Environmental Impact Statement for the Trans-Alaska Pipeline. Hearings, 1971.

_____. Water Power in Alaska; a Bibliography, by Henry Herfindahl, Alaska Power Administration, 1971.

Weisberg, Barry. "Raping Alaska," Ramparts, January 1970.

Wilson, Howard M. "Alaska Report," Oil and Gas Journal, August 10, 1970.

Wyant, William K., Jr. "Sharing the Wealth of Alaska - the Oil Rush," New Republic, February 14, 1970.

Zelnick, Robert. "The Oil Rush of '70," New York Times Magazine, March 1, 1970.

4. Mining of Coal, Oil and Gas; Economic, Social and Environmental Aspects:

Appalachia. "The Demand for Energy and Appalachia's Coal," theme of issue, February/March 1972.

Atlantic. "Shall We Strip-Mine Iowa and Illinois to Air Condition New York?" September 1973.

Blundell, William E. "Ecological Shootout at Black Mesa," Wall Street Journal, April 13, 1971.

Branscome, James. "Appalachia - Like the Flayed Back of a Man," New York Times Magazine, December 12, 1971.

Bretey, Pierre R. "Coal: the Giant Revived," Financial Analysts Journal, January/February 1971.

Brooks, David B. "Ocean Mining: the Political and Economic Aspects," Management Review, November 1969.

Business Week. "The Coal Industry Makes a Dramatic Comeback," November 4, 1972.

Cederstrom, D. J. "Hydrologic Effects of Strip-Mining West of Appalachia," Congressional Journal, March 1971.

Christian Century. "Energy Crisis and Strip-Mining," April 25, 1973.

Coal Age. "The Black Mesa Plan: Energy Today, Better Land Tomorrow," March 1971.

_____. "Reclamation: U.S. Steel is Involved," April 1971.

_____. "The Surface Mining Issue: a Reasoned Response," March 1971.

Conaway, Orrin B., Jr. "Coal Mining: New Efforts in an Old Field," The Annals of the American Academy of Political and Social Sciences, March 1972.

Congressional Quarterly. "Strip Mining: Congress May Enact Controls This Year," September 2, 1972.

_____. "Strip Mining: Energy Demands vs. the Environment," March 17, 1973.

Cupps, Stephen. "Death by Runaround," Nation, August 31, 1970.

Czapowskyj, Miroslaw M. "Anthracite Coal-Mine Spoils Today - Forests Tomorrow," Pennsylvania Forests, Fall 1969.

Denver University. Denver Research Institute. Regional Economic Impact of a U.S. Oil Shale Industry, by John J. Ryan and John G. Welles. Denver, 1966.

Driscoll, James G. "Can Any Coal Mine be Safe?" National Observer, February 1, 1971.

Erickson, Edward W. "Crude Oil Prices, Drilling Incentives and the Supply of New Discoveries," Natural Resources Journal, January 1970.

Glenn, Armon. "New King Coal," Barron's, April 20, 1970.

Herzog, James. "Stripmining in Ohio," Congressional Record, March 2, 1971, E1366-E1371.

Illinois State Geological Survey. Coal in the Future Energy Market, by Hubert E. Risser. Urbana, 1960.

Joseph, William. "Offshore Petroleum: Where the Industry is Headed," Under Sea Technology, September 1970.

McDonald, John. "Oil and the Environment: the View from Maine," Fortune, April 1971.

Maneval, David R. "Coal Mining vs. Environment: a Reconciliation in Pennsylvania," Appalachia, February/March 1972.

Mills, G. Alex. "Gas from Coal: Fuel of the Future," Environmental Science and Technology, December 1971.

Mitre Corporation. Coal: the Black Magic. McLean, Virginia, 1972.

Mollenhauer, Frank H. "Offshore Drilling," Oceans, August 1969.

National Petroleum Council. Environmental Conservation; the Oil and Gas Industries. Vol. 1: a Summary; a report of the National Petroleum Council's Committee on Environmental Conservation. Washington, D.C., 1971.

_____. Petroleum Resources Under the Ocean Floor, ibid., 1969.

Natural Resources Council of Maine. Oil and the Maine Coast; Is It Worth It? by Frank Graham, Jr. Augusta, 1970.

Natural Resources Journal. "Symposium: Oil Shale Resources," October 1968.

Oak Ridge National Laboratory. Symposium on Coal and Public Policies, Knoxville, Tennessee, 1971. Proceedings. Oak Ridge, Tennessee, 1972.

O'Hanlon, Thomas. "Anarchy Threatens the Kingdom of Coal," Fortune, January 1971.

Oklahoma Geological Survey. Coal Mining and Landscape Modification in Oklahoma. Norman: University of Oklahoma Press, 1961.

Pennsylvania Department of Health. Proceedings on the National Symposium on the Control of Coal Mines Drainage, Pittsburgh, June 1962. Harrisburg.

Pennsylvania State University. College of Agriculture. Strip Mine Spoil Reclamation, n.d. State College, Pennsylvania.

Pitts, Jim. "Mining Coal in Illinois," Humble News, August 1970.

Schneider, Eric D. "The Deep Sea - a Habitat for Petroleum," Undersea Technology, October 1969.

Sell, George. The Petroleum Industry. New York: Oxford University Press, 1963.

South Dakota State Legislative Research Council. State Regulation of Strip Mining. Pierre, 1970.

Tennessee Department of Conservation. Division of Strip Mining and Reclamation. Rules and Regulations Pertaining to Surface Mining. Nashville, 1967.

Trillin, Calvin. "U.S. Journal: Kentucky," New Yorker, December 27, 1969.

U.S. Congress. Senate Committee on Interior and Insular Affairs. Coal Surface Mining and Reclamation. Committee Print #93-9 (92-43), 1973.

_____. Development in Coal Gasification, Hearing November 18, 1971, Committee Print #92-15.

_____. Factor Affecting the Use of Coal in Present and Future Energy Markets, 1973, Committee Print #93-9 (92-44).

_____. Issues Related to Surface Mining: a Summary Review with Selected Readings, Committee Print #92-10, 1972.

_____. Oil Shale, Hearing May 12, 1965.

U.S. Congress. Senate Committee on the Judiciary. Competitive Aspects of Oil Shale Development, Hearings April 18-May 5, 1967.

U.S. Department of the Interior. Draft Environmental Statement for the Prototype Oil Shale Leasing Program, June 1971.

_____. Program Statement for the Proposed Prototype Oil Shale Leasing Program, June 1971.

_____. Study of Strip and Surface Mining in Appalachia. An interim report to the Appalachian Regional Commission, 1966.

U.S. Office of Science and Technology. Underground Coal Mining in the United States - Research and Development Programs, prepared by the TRW Systems Group. Washington, D.C., 1970.

U.S. President's Panel on Oil Spills. Offshore Mineral Resources: a Challenge and an Opportunity, 2nd report, 1969.

U.S. News and World Report. "New Boom for an Old Industry," March 29, 1971.

_____. "To Fuel U.S. in the Future, Supertankers and Superports," December 11, 1972.

Utah Committee on Environmental Problems of Oil Shale. Environmental Problems of Oil Shale. Salt Lake City, 1971.

Wyoming Oil Shale Environmental Planning Committee. Environmental and Economic Report on Wyoming Oil Shale.

5. Nuclear and Thermal Energy:

Alaska University. Geothermal Energy; Geothermal Resources. Paper from Research Conference, 1972, Fairbanks.

Allen, Bruce T. and Aric Melnik. "Economics of the Power Reactor Industry," Quarterly Review of Economics and Business, Autumn 1970.

Anderson, T. D. "Off-Shore Siting of Nuclear Energy Stations," Nuclear Safety, January/February 1971.

Armstead, H. C. H. "Geothermal Heat Costs," Energy International, February 1969.

Atomic Energy Act of 1946 and Amendments. Compiled by Gilman G. Udell. Washington, D.C.: U.S. Government Printing Office, 1971.

Atomic Industrial Forum. Electric Power and Thermal Discharges, prepared by Gordon and Breach. New York, 1969.

Auerbach, Stanley L. "Ecological Considerations in Siting Nuclear Power Plants: the Long-Term Biotic Effects Problem," Nuclear Safety, January/February 1971.

Balzhizer, Richard E. "Role of Nuclear Energy in Preserving Environmental Factors," Public Utilities Fortnightly, February 1, 1973.

Barfield, Claude E. "Exemptions from NEPA Requirements Sought for Nuclear Plants, Pollution Permits," National Journal, June 17, 1972.

_____. "Nuclear Breeder-Reactor Program Delayed by Court Decision, Contract Disputes," ibid., June 30, 1973.

_____. "Nuclear Power Plant Opponents Open Campaign to Halt Reactors," ibid., June 9, 1973.

_____. "Pollution Law May Reduce Delays in Nuclear Power Licensing Process," ibid., January 27, 1973.

Battelle Memorial Institute. Pacific Northwest Laboratory. A Feasibility Study of a Plow-Share Geothermal Power Plant. Richland, Washington, 1971.

Bishop, Jerry E. "Taming the H-Bomb," Wall Street Journal, December 3, 1969.

Boffey, Philip M. "Radiation Standards: Are the Right People Making Decisions?" Science, February 26, 1971.

Business Week. "From the H-Bomb: Power Without Pollution," September 12, 1970.

Byerton, Gene. Nuclear Dilemma. New York: Ballantine, 1970.

California Department of Water Resources. Geothermal Power in California. San Francisco, 1966.

Carbon, M. W. and W. A. Houlberg. Nuclear Power and the Environment: Proceedings of a Student Conference Held at Madison, Wisconsin, April 3 and 4, 1970. Madison: University of Wisconsin Press.

Carter, Luther J. "Warm-Water Irrigation: an Answer to Thermal Pollution?" Science, August 1, 1969.

Curtis, Richard and Elizabeth R. Hogan. Perils of the Peaceful Atom; the Myth of Safe Nuclear Power Plants. Garden City, New York: Doubleday, 1969.

Daniels, Farrington. Direct Use of the Sun's Energy. New Haven: Yale University Press, 1964.

Ehrlich, Paul R. and John P. Holdren. "The Heat Barrier: Earth's Atmosphere Can Absorb Only so Much Thermal Pollution before Life is Extinguished," Saturday Review, April 3, 1971.

_____ and Ann H. Ehrlich. Population, Resources, Environment; Issues in Human Ecology. San Francisco: Freeman, 1970, part 4: "Limits of the Earth."

Eisenbud, Merril. "Radiation Standards and Public Health," Nuclear Safety, January/February 1971.

Eklund, Sigvard. "Atomic Energy - Key to Industrial Progress," Intereconomics #7, July 1969.

Electrical World. "Geothermal Growing as a Power Source," June 22, 1970.

Elliott, John M. "Environmental Aspects of Nuclear Power," The Urban Lawyer, Winter 1972.

Environmental Science and Technology. "Geothermal Heats Up; Power from the Earth's Heat Will Figure Importantly in the Energy Crisis, but It's Not a Panacea for Energy Ills," August 1973.

Farney, Dennis. "Atom-Age Trash: Finding Places to Put Nuclear Waste Proves a Frightful Problem" Wall Street Journal, January 25, 1971.

Gannon, R. "Atomic Power: What Are Our Alternatives?" Science Digest, December 1971.

Glaser, Peter E. "Beyond Nuclear Power - the Larger-Scale Use of Solar Energy," Transactions of the New York Academy of Sciences, December 1969.

_____. "Solar Energy - an Alternative Source for Power Generation," Futures, June 1969.

_____ and James E. Murphy. A New View of Solar Energy. Cambridge, Massachusetts: Arthur D. Little, 1971.

Gofman, John W. Poisoned Power. The Case Against Nuclear Power Plants. Emmaus, Pennsylvania: Rodale, 1971.

Gough, William C. and Bernard J. Eastland. "The Prospects for Fusion Power," Scientific American, February 1971.

Green, Harold P. "Nuclear Power Licensing and Regulation," The Annals of the American Academy of Political and Social Science, March 1972.

Gustafson, Philip F. "Nuclear Power and Thermal Pollution: Zion, Illinois," Bulletin of the Atomic Scientists, March 1970.

Hagler, M. and M. Kristianson. "Fusion Reactor Design," Professional Engineer, February 1971.

Halacy, Daniel S. The Coming Age of Solar Energy. New York: Harper, 1963.

Hammond, Allen L. "Geothermal Energy: an Emerging Major Resource," Science, September 15, 1972.

_____. "Solar Energy: the Largest Resource," ibid., September 22, 1972.

Hobson, J. E. The Economics of Solar Energy, from World Symposium on Applied Solar Energy. Phoenix, Arizona, 1955.

Hogerton, John F., Leonard Geller and Abraham Gerber. The Outlook for Uranium - a Survey of the U.S. Uranium Market. New York: S. M. Stoller Association, 1965.

Holden, Constance. "Nuclear Waste: Kansas Riled by AEC Plans for Atom Dump," Science, April 16, 1971.

Holme, Howard. "Breeder Reactors and the National Environmental Policy Act," Yale Review of Law and Social Action, Summer 1972.

Horton, Jack K. "Nuclear Power - Promise or Problem?" Edison Electric Institute Bulletin, June/July 1969.

Indiana Law Journal. "Thermal Electric Power and Water Pollution: a Siting Approach," Fall 1970.

Inglis, David Rittenhouse. "Nuclear Energy and the Malthusian Dilemma," Bulletin of the Atomic Scientists, February 1971.

International Atomic Energy Agency. "Developments in Radiation Detection," Bulletin, Vol. 13 #1, 1971.

_____. List of Bibliographies on Nuclear Energy. Vienna, 1970.

_____. Nuclear Energy and the Environment, ibid., 1970.

_____. "Nuclear Power and the Environment," Bulletin, Vol. 12 #5, 1970.

_____. Report to the Economic and Social Council of the United Nations for 1969-1970. Vienna: 1970.

Johnson, Wilfred E. "Current Developments in Nuclear Power," Professional Engineer, February 1971.

_____. "Energy for Tomorrow, Coordinated Planning," address September 22, 1970, Vital Speeches, October 15, 1970. Also in: Congressional Record, September 22, 1970: E8475-E8477.

Jordon, Walter H. "Nuclear Energy: Benefits versus Risks," Physics Today, May 1970.

Karp, Richard. "Atomic Power Abuse: the Marginal Nuclear Utilities," Washington Monthly, July 1970.

Kneese, Allen V. "The Faustian Bargain, or Benefit-Cost Analysis and Unscheduled Events in the Nuclear Fuel Cycle," Resources, September 1973.

Kustuik, John. "Uranium in the Seventies," Public Utilities Fortnightly, February 12, 1970.

Lapp, Ralph E. A Citizen's Guide to Nuclear Power. Washington: New Republic, 1971.

_____. "The Four Big Fears about Nuclear Power," New York Times Magazine, February 8, 1971.

_____. "The Nuclear Plant Controversy," 3 parts, New Republic, January 23, February 6, 27, 1971.

_____. "One Answer to the Atomic-Energy Puzzle - Put the Atomic Power Plants in the Ocean," New York Times Magazine, June 4, 1972.

Large, Arlen J. "'Free' Electricity," Wall Street Journal, December 10, 1970.

Lear, John. "Clean Power from Inside the Earth," Saturday Review, December 5, 1970.

Lessing, Lawrence. "Coming Hydrogen Economy," Fortune, November 1972.

_____. "Power from the Earth's Own Heat," ibid., June 1969.

Loftness, R. "Nuclear Power Abroad," Professional Engineer, February 1971.

Luten, D. B. "Economic Geography of Energy," Scientific American, September 1971.

MacAvoy, P. W. Economic Strategy for Developing Nuclear Breeder Reactors. Cambridge, Massachusetts: M.I.T. Press, 1969.

MacKillop. "Living off the Sun," Ecologist, July 1973.

McDaniel, Billy Darrell. "Thermal Electric Power and Water Pollution: a Siting Approach," Indiana Law Journal, Fall 1970.

Maryland Academy of Sciences. Study Panel on Nuclear Plants. Nuclear Power Plants and Our Environment, report, 1970.

Maryland Governor's Task Force on Nuclear Power Plants. Nuclear Power Plants in Maryland. Annapolis, 1969.

Michigan Law Review. "Jurisdiction - Atomic Energy - Federal Pre-Emption and State Regulation of Radio-Active Air Pollution: Who is the Master of the Atomic Genie?" May 1970.

Miller, A. J., et al. Use of Steam-Electric Powerplants to Provide Thermal Energy to Urban Areas. Oak Ridge, Tennessee: Oak Ridge National Laboratory, 1971.

Millsap, Ralph H. "Nuclear Energy's Environmental Advantages," Edison Electric Institute Bulletin, October 1969.

Mullenbach, Philip. Civilian Nuclear Power: Economic Issues and Policy Formation. New York: Twentieth Century Fund, 1963.

Musgrove, Peter J. and Alan D. Wilson. "Power Without Pollution," New Scientist, March 5, 1970.

National Academy of Sciences. Solar Energy in Developing Countries: Perspectives and Prospects. Washington, D.C., 1972.

National Wildlife. "Nuclear Power Plants: Boon or Blight?" April/May 1971.

Oak Ridge National Laboratory. Survey of Thermal Research Programs Sponsored by Federal, State and Private Agencies. Oak Ridge, Tennessee, 1971.

_____. Use of Steam-Electric Power Plants to Provide Thermal Energy to Urban Areas, ibid., 1972.

Ohio Development Department. The Nuclear Industry in Ohio; an Aid to Encourage and Promote Growth and Understanding of Nuclear Applications in Ohio. Columbus, 1969.

Patterson, Walter C. "Nuclear Power," Ecologist, July 1973.

Pennsylvania Insurance Department. $E=MC^2$= Disaster? Citizens' Bill of Rights and Consumers' Guide to Nuclear Power; a Summary of What You're Entitled to - but aren't Getting Now. Harrisburg, 1973.

Pennsylvania Power and Light Company. Nuclear Power in Perspective, 1970.

Pennsylvania University. Conservation and Better Utilization of Electric Power by Means of Thermal Energy Storage and Solar Heating. Philadelphia, 1971.

Peterson, M. "Space Available; Excerpts from Testimony before the Joint Congressional Committee on Atomic Energy, January 29, 1970, Environment, March 1970.

Professional Engineer. "Power in the '70's," February 1971, partial contents: "Nuclear Power: the 1970's."

Public Land Law Review Commission. Legal Study of Geothermal Resources on Public Lands, by J. L. Haggard. Washington, D.C., 1969.

Rappaport, Roger. "Oops!...the Story of Nuclear Power Plants," Ramparts, March 1972.

Rau, Hans. Solar Energy, translated by Maxim Schur. New York: Macmillan, 1964.

Reichle, Leonard F. C. "Nuclear Power: 1970-1980," Public Utilities Fortnightly, February 12, 1970.

Rhyne, Charles S., et al. Cities and Atomic Energy, report #145, National Institute of Law Officers. Chicago, 1959.

Ripley, Anthony. "Atomic Power Abuse: the AEC in Colorado," Washington Monthly, July 1970.

Ritter, William W. "Geothermal Energy: Prospects and Problems," Journal of Environmental Health, March/April 1973.

Rose, D. J. "Controlled Nuclear Fusion: Status and Outlook," Science, May 21, 1971.

Schrader, Gene. "Atomic Doubletalk," Center Magazine, January/February 1971.

Seaborg, Glenn T. "Looking Ahead in Nuclear Power," Edison Electric Institute Bulletin, June/July 1969.

_____. "The Nuclear Plant and Our Energy Needs," Public Utilities Fortnightly, February 12, 1970.

_____. "Plutonium; Economy of the Future," address October 5, 1970, Vital Speeches, November 15, 1970.

Schurr, Sam H. Some Observations on the Economics of Atomic Power. Washington, D.C.: Resources for the Future, 1963.

Slater, H. "The Changing Posture of the Nuclear Community," Professional Engineer, February 1971.

Snedeker, J. Thomson. "A Systems Approach to Nuclear Plant Safety," Nuclear Safety, November/December 1970.

Stanford Research Institute. Long Range Planning Service. Thermoelectric Power. Menlo Park, California, 1960.

Starr, Chauncey. National Atomic Energy Policy - Time for a Change. Los Angeles: University of California, 1970.

Stewart, R. and S. Bjornsson. "Beneficial Uses of Thermal Discharge," U.S. Congressional Record, February 19, 1970.

Tamplin, Arthur R. "Solar Energy," Environment, June 1973.

Tompkins, Dorothy Campbell, comp. Power from the Earth: Geothermal Energy. Public policy bibliography #3, University of California, Institute of Governmental Studies, 1972.

Tsivoglou, Ernest C. "Nuclear Power: the Social Conflict," Environmental Science and Technology, May 1971.

U.S. Atomic Energy Commission. Abundant Nuclear Energy. Oak Ridge, Tennessee, 1969.

_____. Cost-Benefit Analysis of the U.S. Breeder Reactor Program. Washington, D.C., 1969.

_____. Forecast of Growth of Nuclear Power, ibid., 1971.

_____. Potential Nuclear Power Growth Patterns, ibid., 1970.

_____. Preparation of Environmental Reports for Nuclear Power Plants, ibid., 1973.

_____. Status of Central Station Nuclear Power Reactors. Significant Milestones, a monthly AEC publication.

_____. Updated Cost-Benefit Analysis: U.S. Breeder Reactor Program. Washington, D.C., 1972.

U.S. Congress. Joint Committee on Atomic Energy. Development, Growth and State of Atomic Energy Industry. Hearings, August 10-September 8, 1965.

_____. High Energy Physics Research. Hearings, March 2-5, 1965.

_____. Nuclear Power and Related Energy Problems, 1968 Through 1970. Washington, D.C., 1971.

_____. Nuclear Power Economics, 1962-1967, report by Philip Sporn, February 1968.

_____. Peaceful Applications of Nuclear Explosives, January 5, 1965.

U.S. Congress. Senate Committee on Interior and Insular Affairs. Disposition of Geothermal Steam, Hearings, May 24, 1966.

_____. Geothermal Energy Resources and Research, Hearings, June 15, 22, 1972.

U.S. Congress. Senate Public Works Committee. Thermal Pollution, Hearings, February 6-14, 1968.

U.S. General Accounting Office. Progress and Problems in Programs for Managing High-Level Radioactive Wastes, Atomic Energy Commission, report to the Joint Committee on Atomic Energy. Washington, D.C., 1971.

U.S. Geological Survey. Thermal Springs of the United States and other Countries of the World - a Summary, by G. A. Waring, et al. Professional Paper #492, 1965.

_____. Uranium Resources of Northwestern New Mexico, by Lowell S. Hilpert. Professional Paper #603, 1969.

U.S. News and World Report. "Living with Atomic Power - and Liking It," March 29, 1971.

_____. "More Energy from the Atom - but Will It Come in Time?" February 19, 1973.

Vernon, John M. Public Investment Planning in Civilian Nuclear Power. Durham, North Carolina: Duke University Press, 1971.

World Business. "Report on Uranium: a Reviving Market," July 1969.

Zarem, A. M. and Duane D. Erway. Introduction to the Utilization of Solar Energy. New York: McGraw-Hill, 1963.

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